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ABSTRACT

The primary purpose of this report is to assist State and local education associations in their efforts to improve the compensation of teachers at all levels -- elementary, secondary, and higher education. This compendium of currently available data provides a single source of technical information for assessing and comparing the economic position of teachers with that of professionals in other fields. It also contains information for comparing the present and past salaries of teachers with the wages paid to workers in industry and others. The report, consisting of 92 tables and a minimum of text, is designed as a handbook covering the latest available information on salaries of the instructional staff, earnings in comparable occupations, and information on trends in income and family budgets. Trend data are included wherever possible. Since the condition of the national economy has a direct bearing on the economic status of the teaching profession, a section is included to show trends in some of the most significant national economic indicators. (For a related article, see EJ 020 039.) (Author)

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RESEARCH REPORT 1972-R2

# Economic Status of the Teaching Profession, 1971-72

RESEARCH DIVISION – NATIONAL EDUCATION ASSOCIATION

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Research Report 1972-R2: *ECONOMIC STATUS OF THE TEACHING PROFESSION, 1971-72*

Project Director: GERTRUDE N. STIEBER, *Senior Professional Associate*

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## FOREWORD

The primary purpose of this report on the economic status of the teaching profession is to assist state and local education associations in their efforts to improve the compensation of teachers at all levels—elementary, secondary, and higher education. This compendium of currently available data provides a single source of technical information for assessing and comparing the economic position of teachers with that of professionals in other fields. It also contains information for comparing the present and past salaries of teachers with the wages paid to workers in industry and other occupations.

The report, consisting of 92 tables and a minimum of text, is designed as a handbook covering the latest available information on salaries of the instructional staff, earnings in comparable occupations, and information on trends in income and family budgets. Trend data are included wherever possible.

Since the condition of our national economy has a direct bearing on the economic status of the teaching profession, a section is included to show trends in some of the most significant national economic indicators.

The tables and text were prepared by Gertrude N. Stieber, Senior Professional Associate.

Glen Robinson
Director, Research Division

## INTRODUCTION AND HIGHLIGHTS

THE TABLES AND BRIEF descriptive text which follow are divided into five major sections. The first, "Significant Economic Indicators," concerns trends in series of data which measure the condition of our national economy. National income and product tables, manpower output, employment and unemployment, consumer prices, and data on family budgets are included in Section I.

Section II concerns information on salaries paid members of the teaching profession in elementary and secondary public schools, and the faculties of degree-granting colleges and universities, and public junior colleges. Salary trends are shown on the basis of both salaries *paid* and salaries *scheduled.*

The third section provides available information on comparisons of salaries of the teaching profession with earnings of other professional groups. Comparable earnings data are very limited in amount, and this section of the report brings together all of the reasonably current information which could be found.

Section III is further subdivided into tabulations covering salary differences by sex, educational attainment, and earnings of beginning inexperienced teachers and other workers.

Section IV provides a limited amount of information on family and household incomes on national, state, and regional bases. Such information has significance in arriving at fair and equitable earnings scales for the teaching profession.

Section V covers selected information on weekly and hourly earnings of major elements of the work force compared with the estimated average weekly earnings of teachers. It also includes information on the distribution of usual weekly earnings by sex, and the latest information on the new Hourly Earnings Index.

## HIGHLIGHTS

1. For a moderate standard of living for a family of four living in the city in the spring of 1971 it was estimated that the annual cost would be $10,971. The average salary paid public-school teachers in 1970-71 was $9,269, which is 83.4 percent of the requirement for a moderate standard of living.
2. In 1952-53, only 13.0 percent of all teachers in public elementary and secondary schools were paid $4,500 or more, while 62.0 percent received less than $3,500. In 1971-72, 46.5 percent received $9,500 or more; in fact, 22.7 percent received $11,500 or more.
3. State and sectional differences in salaries for the teaching profession are very marked. The average salary of the instructional staff in 1971-72 is $8,424 in the Southeast, compared with $11,653 in the Far West, and with $11,393 in the Mideast. Instructional staff comprises teachers, principals, supervisors, and other instructional personnel not employed in the central office.
4. The mean beginning salary for teachers with a bachelor's degree is $7,061 in 1971-72 for systems with enrollments of 6,000 or more. This is an increase of only 3.1 percent over the average beginning salary of $6,850 in 1970-71.
5. Average earnings of federal civilian employees in 1970 were 19.3 percent above those of teachers for the same year (calendar-year basis).
6. Estimated average weekly earnings for teachers in 1971 (calendar year) were $180.94. Average weekly earnings of employees in contract construction were $212.04 for the same year. In several other areas of blue-collar employment the average weekly earnings were almost as high as those for teachers.
7. The median earnings of women professional or technical workers in 1970 were $7,850. This is 35.9 percent below the median of $12,255 paid to men professional or technical workers in that year.
8. Beginning salaries of federal civilian employees increased 46.0 percent on the average between 1965 and 1972. Beginning salaries of teachers in this period increased 43.4 percent on the average.
9. In 1971 the average *minimum* salary for firemen in cities with a population of 100,000 or more was $8,513; that of policemen, $8,898. These compare with an average beginning salary for teachers in the same cities of only $7,126.

## I. SIGNIFICANT ECONOMIC INDICATORS

THE CONDITION of our national economy has a direct bearing on the economic status of the teaching profession as it does on all other employee groups.

For the past several years our national economy has been experiencing serious inflation which has greatly affected the cost and price structure. The rate of inflation slowed somewhat during 1971; the annual increase in the Consumer Price Index in 1971 was 4.3 percent above 1970 compared with an annual increase of 5.9 percent in 1970 over the previous year. While the over-all unemployment rate was 5.9 percent for 1971, the average hourly rate of all nonagricultural workers increased 6.2 percent in 1971. Leading economists are predicting at this time that the rate of inflation in 1972 will be between 3.5 percent and 4.5 percent or perhaps a little higher.

### National Income and Product

The national income and product accounts, compiled by the Bureau of Economic Analysis of the U.S. Department of Commerce, summarize both receipts and final expenditures for the personal, business, foreign, and government sectors of the economy and provide useful measures of total economic activity. The total of the final expenditures (including additions to business inventories), which equals the total of the receipts (mainly incomes) is known as gross national product (GNP). GNP is defined as the total market value of the final output of goods and services produced by the nation's economy. It is the most comprehensive single measure of aggregate national economic output.

GNP consists of four major parts: (a) personal consumption expenditures, (b) gross private domestic investment, (c) net exports of goods and services, and (d) government purchases of goods and services.

*Personal consumption expenditures* is the market value of goods and services purchased by individuals and nonprofit institutions and the value of food, clothing, housing, and financial services received by them as income.

*Gross private domestic investment* combines gross fixed investment and net changes in business inventories. Fixed investment consists of producers' durable equipment and private structures, including owner-occupied residential units. These are gross estimates inasmuch as no deduction is made for capital consumption.

*Net exports of goods and services* measures the excess of exports over imports of goods and services. Exports include both domestic output sold abroad and the contribution to production abroad made by U.S.-owned resources.

*Government purchases of goods and services* includes general government expenditures for compensation of employees, net purchases from business and from abroad, payments to private nonprofit institutions for research and development, and the gross fixed investment of government enterprises. Current outlays of government enterprises, subsidies, loans, and interest payments to domestic creditors are excluded.

Table 2 shows the GNP by major accounts for selected years from 1950 through 1971, in current dollars and as a ratio to 1961. The implicit price deflators for the total GNP (computed by dividing the current-dollar GNP by the constant-dollar-data—1958 prices) are shown in Table 1. This deflator series is becoming more widely accepted as a measure of price changes.

*National income* is the total earnings arising from the current production of goods and services and accruing to the labor and property employed in production. The components of national income are compensation of employees, proprietors' income, rental income of persons, corporate profits and inventory, valuation adjustments, and net interest.

*Personal income* measures the current income of individuals, owners of unincorporated businesses, nonprofit institutions, private trust funds, and private health and welfare funds. It consists of wage and salary disbursements, other labor income, proprietors' income, rental income, dividends, personal interest incomes, and transfer payments to persons, less personal contributions for social insurance. *Disposable personal income* is the personal income available for spending less personal taxes and other nontax payments to general government, federal, state, or local.

Table 3 shows selected national income items yearly since 1950, including compensation to employees in wages and salaries and employer contributions for social insurance, private pensions, and the like.

Table 4 gives information on per-capita disposable personal income and per-capita personal consumption expenditures for the 21-year period, 1950 to 1971.

Table 5 shows average gross income of all persons filing income tax returns in 1965, 1966, 1967, and 1969, by state. It also shows the average income from salaries and wages and the ratio of this income to total income.

### Output, Employment, and Unemployment

Table 6 compares economic and manpower developments for the years 1967 through 1971.

Between 1970 and 1971 the rate of civilian unemployment increased 20.4 percent, rising from 4.9 to 5.9 percent. Average weekly earnings of the nonfarm production workers increased 5.9 percent between 1970 and 1971 but the Consumer Price Index rose 4.3 percent during the year.

Table 7 shows indexes of output per man hour (on a 1967 base) for the private sector of the economy for selected years from 1950 to 1971.

Table 8 shows unemployment rates for all workers and for selected groups for 1961 to 1971.

### Consumer Prices

The Consumer Price Index (CPI) of the Bureau of Labor Statistics is the best known indicator of the movement of prices. This index is often called the cost-of-living index, but its official name is *Consumer Price Index for Urban Wage Earners and Clerical Workers.*

The Consumer Price Index dates from 1913. Since that time several changes have been made in the index. However, despite the changes and improvements in statistical procedures and changes in the reference base period, the present CPI continues to be what it has always been—a measure of price change, and of price change only, in items purchased by urban wage and clerical workers for their own consumption. The present CPI is based on average of price changes in 56 metropolitan areas selected to represent all U.S. urban places having populations of more than 2,500.

Major orientation of the index has been toward its use in collective bargaining and as a yardstick for measuring changes in real income of workers. Expenditures by a cross section of wage-earner and clerical consumers living in a representative section of urban places provide the basis both for the selection of items to be priced for the CPI and for its weighting structure. Weighting of the items included in the index is a difficult undertaking since value judgments on the importance of various items to be priced need to be made and revised from time to time.

Salaried professional and administrative personnel are excluded from the index, and since this group accounts for almost half the labor force, this is a serious weakness of the CPI. This problem has been under consideration by the Bureau of Labor Statistics and a complete revision of the index is currently being undertaken. The expected release date is about 1976, but advance use will be made of the new index by 1974 within government agencies.

From May 1960 the base period for the CPI was an average of 1957-59 prices. Beginning with 1971 the index has been based on 1967 prices. The 1967 base was chosen mainly because the major economic censuses were taken in that year. The single-year base period, as compared with previous base periods which were averages of three to five years was also adopted for ease in compilation and use, and also in accord with international practices.

The shift to a new base period does not alter the year-to-year or month-to-month percentage changes; it merely changes the year from which comparisons are expressed.

Table 9 gives monthly CPI information for 1951 through 1971, on a 1967 base.

Salaries of teachers and many of the other professional staff members of public school systems usually are shown on a school-year basis; therefore, price indexes used in evaluating teacher' salaries also should be on a school-year basis. This can be done readily by adding the monthly indexes for September through August and dividing by 12. Table 10 gives the CPI by years in current dollars and in 1971 prices for the years 1929 through 1971 in calendar years. Table 11 shows the same information for school years.

Table 12 gives the CPI for certain of its component items with 1967 as the base of reference.

Table 13 contains annual CPI data for All Items for 20 major cities or metropolitan areas for selected years between 1950 and 1971.

### Family Budgets and Expenditures

The pricing of a family or individual budget presupposes an agreement on quality and quantity of each of the goods and services required to maintain a given level of living. The selection of commodities and services, their quality, and their amount will vary with the level of standard of living, whether it is subsistence, maintenance, or luxury. Pricing typical budgets for any such group is a difficult task and not lightly undertaken. This, no doubt, has been the main reason for the lack of data in this area.

Standard budgets are useful for a variety of reasons: (a) to aid in family financial planning; (b) to measure differences in levels of living from year to year, from place to place, or among different population groups; (c) for use by public and private welfare agencies in planning payments to families or determining their ability to pay for services; (d) for use in examining minimum-wage laws; and (e) to evaluate adequacy of benefits under social security programs.

Budget research has also been difficult because living standards refer to the goals people set for themselves as consumers of goods and services and as users of leisure time. However, there is no single set of goals adopted by all families and no one level or pattern of consumption which provides an appropriate base for the evaluation of need in a variety of social programs. These things make it more difficult to develop objective procedures for deriving a list of goods and services which describe a standard budget.

The Bureau of Labor Statistics was directed by a Congressional Committee in the mid-1940's to find out what it costs for a worker's family to live in the large cities of the United States. To carry out this directive, a City Worker's Family Budget for a "modest but adequate" living standard for 34 large cities was made in March 1946. A revision was made in 1959 which covered living costs in 20 large cities.

Since then, budgets have been issued for the fall of 1966, and for the spring of 1967, 1969, 1970, and recently for 1971. Detailed information for 1971 was received too late for inclusion in this report. While the CPI is being revised, the Bureau of Labor Statistics is updating the budget data by applying increases in the CPI to the budget data gathered for the fall of 1969. These are divided into costs for a lower, moderate, and higher standard of living for a family of four—an employed husband, aged 38, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy.

After about 15 years of married life, the family is well established, and the husband is an experienced worker. The budgets are illustrative of three different levels of living and reflect the costs of different specified types and amounts of goods and services. For each budget level, the family has average inventories of clothing, house furnishings, major durables, and other equipment. Even at the lowest level, the estimates do not represent the cost of a minimum or subsistence level of living.

Table 14 gives the estimated annual costs of the three budgets for urban United States and for metropolitan and nonmetropolitan areas for the spring of 1967, 1969, and 1970. Table 15 itemizes the major elements of each budget level based on the budget for the spring of 1970.

Table 16 shows intercity comparisons of a city worker's family budget for a moderate standard of living for selected periods between the fall of 1966 and the spring of 1971 and average salaries paid teachers.

Table 17 shows a cost-of-living index for selected cities for the fourth quarters of 1968, 1969, 1970, and 1971, which was prepared by the American Chamber of Commerce Researchers Association.

TABLE 1.–IMPLICIT PRICE DEFLATORS FOR SEASONALLY ADJUSTED GROSS NATIONAL PRODUCT, SELECTED YEARS 1950 TO 1971 (1958=100.0)

| Item | 1950 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971[a] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Gross national product | 80.2 | 103.3 | 104.6 | 105.8 | 107.2 | 108.9 | 110.9 | 113.9 | 117.6 | 122.3 | 128.2 | 135.3 | 141.6 |
| Personal consumption expenditures | | | | | | | | | | | | | |
| Total | 82.9 | 102.9 | 103.9 | 104.9 | 106.1 | 107.4 | 108.8 | 111.5 | 114.4 | 118.4 | 123.5 | 129.4 | 134.6 |
| Durable goods | 87.8 | 100.9 | 100.6 | 100.8 | 100.4 | 100.4 | 99.6 | 98.7 | 100.3 | 103.4 | 106.0 | 108.9 | 112.4 |
| Nondurable goods | 86.0 | 101.2 | 101.9 | 102.8 | 104.0 | 104.9 | 106.9 | 110.7 | 113.0 | 117.1 | 122.1 | 127.7 | 131.7 |
| Services | 76.3 | 105.8 | 107.6 | 109.0 | 110.9 | 113.1 | 115.1 | 118.3 | 122.2 | 126.9 | 133.2 | 140.2 | 148.2 |
| Gross private domestic investment | | | | | | | | | | | | | |
| Fixed investment | | | | | | | | | | | | | |
| Total | 77.5 | 103.4 | 103.9 | 104.9 | 106.0 | 107.6 | 109.3 | 111.8 | 115.9 | 120.4 | 126.4 | 132.6 | 140.5 |
| Nonresidential | | | | | | | | | | | | | |
| Total | 74.4 | 102.9 | 103.4 | 104.1 | 104.5 | 105.7 | 107.5 | 110.2 | 113.8 | 117.5 | 123.0 | 130.0 | 137.2 |
| Structures | 72.9 | 104.0 | 105.6 | 107.1 | 108.9 | 111.1 | 114.7 | 118.9 | 124.0 | 129.8 | 141.1 | 152.0 | 170.4 |
| Producers' durable equipment | 75.2 | 102.2 | 102.1 | 102.3 | 102.3 | 103.0 | 103.9 | 106.0 | 109.3 | 112.0 | 115.1 | 120.1 | 124.1 |
| Residential structures | 82.5 | 104.5 | 105.0 | 106.7 | 108.9 | 112.3 | 114.2 | 117.4 | 123.1 | 129.7 | 137.9 | 142.4 | 150.2 |
| Exports and imports of goods and services | | | | | | | | | | | | | |
| Exports | 84.9 | 99.9 | 101.9 | 100.8 | 100.6 | 101.5 | 104.7 | 107.7 | 109.7 | 110.9 | 114.7 | 120.6 | 125.4 |
| Imports | 88.7 | 101.0 | 100.1 | 98.5 | 99.5 | 101.5 | 103.4 | 105.6 | 106.5 | 107.7 | 110.8 | 119.2 | 125.2 |
| Government purchases of goods and services | | | | | | | | | | | | | |
| Total | 71.8 | 105.0 | 107.1 | 109.0 | 111.8 | 115.7 | 119.4 | 124.0 | 128.5 | 135.1 | 144.0 | 157.3 | 167.4 |
| Federal | 72.9 | 104.2 | 105.2 | 105.6 | 108.0 | 112.2 | 115.5 | 118.8 | 121.5 | 126.5 | 134.4 | 148.6 | 156.8 |
| State and local | 70.8 | 105.9 | 109.4 | 113.2 | 116.3 | 119.5 | 123.5 | 129.4 | 136.4 | 144.8 | 153.9 | 165.1 | 175.9 |
| Gross national product by sectors | | | | | | | | | | | | | |
| Private[b] | 81.4 | 102.8 | 103.7 | 104.7 | 105.8 | 107.1 | 108.8 | 111.6 | 114.8 | 118.9 | 124.3 | 130.4 | 136.0 |
| General government | 67.1 | 108.6 | 113.6 | 116.6 | 121.5 | 128.4 | 133.5 | 140.3 | 147.6 | 159.1 | 171.1 | 188.7 | 202.8 |

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, as quoted in *Economic Report of the President.* Washington, D.C.: Government Printing Office, January 1972. p. 198 and 199.

[a] Preliminary estimates.

[b] Gross national product less compensation of general government employees.

Note: Data for Alaska and Hawaii included, beginning 1960.

## TABLE 2.–GROSS NATIONAL PRODUCT, SELECTED YEARS, 1950 TO 1971 (Billions of dollars)

| | | | | | Government purchases of goods and services[c] | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Federal | | | |
| Year | Total gross national product | Personal consumption expenditures[a] | Gross private domestic investment[b] | Net exports of goods and service | Total | Total | National defense | Other | State and local |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | (In Billions of Dollars) | | | | | | |
| 1950 . . . . . . . . . . | $ 284.8 | $191.0 | $ 54.1 | $1.8 | $ 37.9 | $ 18.4 | $14.1 | $ 4.3 | $ 19.5 |
| 1952 . . . . . . . . . . | 345.5 | 216.7 | 51.9 | 2.2 | 74.7 | 51.8 | 45.9 | 5.9 | 22.9 |
| 1954 . . . . . . . . . . | 364.8 | 236.5 | 51.7 | 1.8 | 74.8 | 47.4 | 41.2 | 6.2 | 27.4 |
| 1956 . . . . . . . . . . | 419.2 | 266.7 | 70.0 | 4.0 | 78.6 | 45.6 | 40.3 | 5.3 | 33.0 |
| 1958 . . . . . . . . . . | 447.3 | 290.1 | 60.9 | 2.2 | 94.2 | 53.6 | 45.9 | 7.7 | 40.6 |
| 1960 . . . . . . . . . . | 503.7 | 325.2 | 74.8 | 4.0 | 99.6 | 53.5 | 44.9 | 8.6 | 46.1 |
| 1961 . . . . . . . . . . | 520.1 | 335.2 | 71.7 | 5.6 | 107.6 | 57.4 | 47.8 | 9.6 | 50.2 |
| 1962 . . . . . . . . . . | 560.3 | 355.1 | 83.0 | 5.1 | 117.1 | 63.4 | 51.6 | 11.8 | 53.7 |
| 1963 . . . . . . . . . . | 590.5 | 375.0 | 87.1 | 5.9 | 122.5 | 64.2 | 50.8 | 13.5 | 58.2 |
| 1964 . . . . . . . . . . | 632.4 | 401.2 | 94.0 | 8.5 | 128.7 | 65.2 | 50.0 | 15.2 | 63.5 |
| 1965 . . . . . . . . . . | 684.9 | 432.8 | 108.1 | 6.9 | 137.0 | 66.9 | 50.1 | 16.8 | 70.1 |
| 1966 . . . . . . . . . . | 749.9 | 466.3 | 121.4 | 5.3 | 156.8 | 77.8 | 60.7 | 17.1 | 79.0 |
| 1967 . . . . . . . . . . | 793.9 | 492.1 | 116.6 | 5.2 | 180.1 | 90.7 | 72.4 | 18.4 | 89.4 |
| 1968 . . . . . . . . . . | 864.2 | 536.2 | 126.0 | 2.5 | 199.6 | 98.8 | 78.3 | 20.5 | 100.8 |
| 1969 . . . . . . . . . . | 929.1 | 579.6 | 137.8 | 2.0 | 209.7 | 99.2 | 78.4 | 20.7 | 110.6 |
| 1970 . . . . . . . . . . | 974.1 | 615.8 | 135.3 | 3.6 | 219.4 | 97.2 | 75.4 | 21.9 | 122.2 |
| 1971 . . . . . . . . . . | 1,046.8 | 662.2 | 150.8 | 0.7 | 233.1 | 97.6 | 71.4 | 26.2 | 135.4 |

INDEX: 1961 = 100.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1950 . . . . . . . . . . . | 54.8 | 57.0 | 75.5 | 32.1 | 35.2 | 32.1 | 29.5 | 44.8 | 38.8 |
| 1952 . . . . . . . . . . . | 66.4 | 64.6 | 72.4 | 39.3 | 69.4 | 90.2 | 96.0 | 61.5 | 45.6 |
| 1954 . . . . . . . . . . . | 70.1 | 70.6 | 72.1 | 32.1 | 69.5 | 82.6 | 86.2 | 64.6 | 54.6 |
| 1956 . . . . . . . . . . . | 80.6 | 79.6 | 97.6 | 71.4 | 73.0 | 79.4 | 84.3 | 55.2 | 65.7 |
| 1958 . . . . . . . . . . . | 86.0 | 86.5 | 84.9 | 39.3 | 87.5 | 93.4 | 96.0 | 80.2 | 80.9 |
| | | | | | | | | | |
| 1960 . . . . . . . . . . . | 96.8 | 97.0 | 104.3 | 71.4 | 92.6 | 93.2 | 93.9 | 89.6 | 91.8 |
| 1961 . . . . . . . . . . . | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1962 . . . . . . . . . . . | 107.7 | 105.9 | 115.8 | 91.1 | 108.8 | 110.5 | 108.0 | 122.9 | 107.0 |
| 1963 . . . . . . . . . . . | 113.5 | 111.9 | 121.5 | 105.4 | 113.8 | 111.8 | 106.3 | 140.6 | 115.9 |
| 1964 . . . . . . . . . . . | 121.6 | 119.7 | 131.1 | 151.8 | 119.6 | 113.6 | 104.6 | 158.3 | 126.5 |
| | | | | | | | | | |
| 1965 . . . . . . . . . . . | 131.7 | 129.1 | 150.8 | 123.2 | 127.3 | 116.6 | 104.8 | 175.0 | 139.6 |
| 1966 . . . . . . . . . . . | 144.2 | 139.1 | 169.3 | 94.6 | 145.7 | 135.5 | 127.0 | 178.1 | 157.4 |
| 1967 . . . . . . . . . . . | 152.6 | 146.8 | 162.6 | 92.9 | 167.4 | 158.0 | 151.5 | 191.7 | 178.1 |
| 1968 . . . . . . . . . . . | 166.2 | 160.0 | 175.7 | 44.6 | 185.5 | 172.1 | 163.8 | 213.5 | 200.8 |
| 1969 . . . . . . . . . . . | 178.6 | 172.9 | 192.2 | 35.7 | 194.9 | 172.8 | 164.0 | 215.6 | 220.3 |
| | | | | | | | | | |
| 1970 . . . . . . . . . . . | 187.3 | 183.7 | 188.7 | 64.3 | 203.9 | 169.3 | 157.7 | 228.1 | 243.4 |
| 1971 . . . . . . . . . . . | 201.3 | 197.6 | 210.3 | 12.5 | 216.6 | 170.0 | 149.4 | 272.9 | 269.7 |

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, as quoted in *Economic Report of the President*. Washington, D.C.: Government Printing Office, January 1972. p. 195.

[a] Includes durable and nondurable goods and services (including housing).

[b] Includes residential and nonresidential structures and producers' durable equipment.

[c] Net of govenment sales.

Note: Indexes computed by NEA Research Division.

## TABLE 3.—NATIONAL INCOME BY TYPES OF INCOME, 1950 TO 1971 (Billions of dollars)

| Year | Total national income[a] | Compensation of employees |  |  | Business and professional income—total | Income of farm proprietors | Rental income of persons | Corporate profits—total[c] | Net interest |
|---|---|---|---|---|---|---|---|---|---|
|  |  | Total | Wages and salaries | Supplements to wages and salaries[b] |  |  |  |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1950 . . | $241.1 | $154.6 | $146.8 | $ 7.8 | $24.0 | $13.5 | $ 9.4 | $37.7 | $ 2.0 |
| 1951 . . | 278.0 | 180.7 | 171.1 | 9.6 | 26.1 | 15.8 | 10.3 | 42.7 | 2.3 |
| 1952 . . | 291.4 | 195.3 | 185.1 | 10.2 | 27.1 | 15.0 | 11.5 | 39.9 | 2.6 |
| 1953 . . | 304.7 | 209.1 | 198.3 | 10.9 | 27.5 | 13.0 | 12.7 | 39.6 | 2.8 |
| 1954 . . | 303.1 | 208.0 | 196.5 | 11.5 | 27.6 | 12.4 | 13.6 | 38.0 | 3.6 |
| 1955 . . | 331.0 | 224.5 | 211.3 | 13.2 | 30.3 | 11.4 | 13.9 | 46.9 | 4.1 |
| 1956 . . | 350.8 | 243.1 | 227.8 | 15.2 | 31.3 | 11.4 | 14.3 | 46.1 | 4.6 |
| 1957 . . | 366.1 | 256.0 | 238.7 | 17.3 | 32.8 | 11.3 | 14.8 | 45.6 | 5.6 |
| 1958 . . | 367.8 | 257.8 | 239.9 | 17.9 | 33.2 | 13.4 | 15.4 | 41.1 | 6.8 |
| 1959 . . | 400.0 | 279.1 | 258.2 | 20.9 | 35.1 | 11.4 | 15.6 | 51.7 | 7.1 |
| 1960 . . | 414.5 | 294.2 | 270.8 | 23.4 | 34.2 | 12.0 | 15.8 | 49.9 | 8.4 |
| 1961 . . | 427.3 | 302.6 | 278.1 | 24.6 | 35.6 | 12.8 | 16.0 | 50.3 | 10.0 |
| 1962 . . | 457.7 | 323.6 | 296.1 | 27.5 | 37.1 | 13.0 | 16.7 | 55.7 | 11.6 |
| 1963 . . | 481.9 | 341.0 | 311.1 | 29.9 | 37.9 | 13.1 | 17.1 | 58.9 | 13.8 |
| 1964 . . | 518.1 | 365.7 | 333.7 | 32.0 | 40.2 | 12.1 | 18.0 | 66.3 | 15.8 |
| 1965 . . | 564.3 | 393.8 | 358.9 | 35.0 | 42.4 | 14.8 | 19.0 | 76.1 | 18.2 |
| 1966 . . | 620.6 | 435.5 | 394.5 | 41.0 | 45.2 | 16.1 | 20.0 | 82.4 | 21.4 |
| 1967 . . | 653.6 | 467.2 | 423.1 | 44.2 | 47.3 | 14.8 | 21.1 | 78.7 | 24.4 |
| 1968 . . | 711.1 | 514.6 | 464.9 | 49.7 | 49.5 | 14.7 | 21.2 | 84.3 | 26.9 |
| 1969 . . | 763.7 | 565.5 | 509.6 | 56.0 | 50.3 | 16.8 | 22.6 | 78.6 | 29.9 |
| 1970 . . | 795.9 | 601.9 | 541.4 | 60.5 | 51.0 | 15.8 | 23.3 | 70.8 | 33.0 |
| 1971p . . | 850.8 | 641.8 | 574.2 | 67.7 | 52.1 | 16.3 | 24.3 | 80.7 | 35.6 |

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, as quoted in *Economic Report of the President*. Washington, D.C.: Government Printing Office, January 1972. p. 209.

[a] National income is the total net income earned in production. It differs from gross national product mainly in that it excludes depreciation charges and other allowances for business and institutional consumption of durable capital goods, and indirect business taxes.

[b] Employer contributions for social insurance and to private pension, health, and welfare funds; compensation for injuries; directors' fees; pay of the military reserve, and a few other relatively minor items.

[c] Includes inventory valuation adjustment.

p = preliminary data.

**TABLE 4.–PER-CAPITA DISPOSABLE PERSONAL INCOME AND PERSONAL CONSUMPTION EXPENDITURES, 1950 TO 1971 (In current dollars and in 1958 prices)**

| Year | Per-capita disposable income | | Per-capita personal consumption expenditures | |
|---|---|---|---|---|
| | Current prices | 1958 prices | Current prices | 1958 prices |
| 1 | 2 | 3 | 4 | 5 |
| 1950 | $1,364 | $1,646 | $1,259 | $1,520 |
| 1951 | 1,469 | 1,657 | 1,337 | 1,509 |
| 1952 | 1,518 | 1,678 | 1,381 | 1,525 |
| 1953 | 1,583 | 1,726 | 1,441 | 1,572 |
| 1954 | 1,585 | 1,714 | 1,456 | 1,575 |
| 1955 | 1,666 | 1,795 | 1,539 | 1,659 |
| 1956 | 1,743 | 1,839 | 1,585 | 1,673 |
| 1957 | 1,801 | 1,844 | 1,643 | 1,683 |
| 1958 | 1,831 | 1,831 | 1,666 | 1,666 |
| 1959 | 1,905 | 1,881 | 1,758 | 1,735 |
| 1960 | 1,937 | 1,883 | 1,800 | 1,749 |
| 1961 | 1,984 | 1,910 | 1,825 | 1,756 |
| 1962 | 2,066 | 1,969 | 1,904 | 1,815 |
| 1963 | 2,139 | 2,016 | 1,982 | 1,867 |
| 1964 | 2,284 | 2,126 | 2,092 | 1,948 |
| 1965 | 2,436 | 2,239 | 2,228 | 2,048 |
| 1966 | 2,605 | 2,336 | 2,373 | 2,128 |
| 1967 | 2,751 | 2,404 | 2,477 | 2,165 |
| 1968 | 2,946 | 2,487 | 2,673 | 2,257 |
| 1969 | 3,130 | 2,535 | 2,861 | 2,316 |
| 1970 | 3,358 | 2,595 | 3,007 | 2,324 |
| 1971[a] | 3,581 | 2,660 | 3,199 | 2,376 |

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis as quoted in *Economic Report of the President.* Washington, D.C.: Government Printing Office, January 1971. p. 213.

[a] Preliminary data.

### TABLE 5.–AVERAGE GROSS INCOME AND INCOME FROM WAGES AND SALARIES, BY STATE, 1969*

| State | Average gross income | | | | Percent increase, 1969 over 1967 | Average gross income from wages and salaries | | | | Ratio of average income from wages and salaries to total gross income | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1965 | 1966 | 1967 | 1969 | | 1965 | 1966 | 1967 | 1969 | 1965 | 1966 | 1967 | 1969 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| United States, total | $6,350 | $6,676 | $7,518 | $ 7,958 | 5.9 | $5,815 | $6,110 | $6,838 | $7,352 | 91.6 | 91.5 | 91.0 | 92.4 |
| Alabama | 5,399 | 5,769 | 6,324 | 6,872 | 8.7 | 5,092 | 5,475 | 5,984 | 6,500 | 94.3 | 94.9 | 94.6 | 94.6 |
| Alaska | 7,943 | 8,539 | 8,826 | 10,288 | 16.6 | 7,502 | 7,806 | 8,721 | 9,539 | 94.4 | 91.4 | 98.8 | 92.7 |
| Arizona | 5,811 | 6,243 | 6,964 | 7,608 | 9.2 | 5,329 | 5,745 | 6,305 | 6,931 | 91.7 | 92.0 | 90.5 | 91.1 |
| Arkansas | 4,562 | 5,128 | 5,844 | 5,905 | 1.0 | 4,087 | 4,637 | 5,426 | 5,429 | 89.6 | 90.4 | 92.8 | 91.9 |
| California | 7,123 | 7,395 | 8,272 | 8,574 | 3.7 | 6,554 | 6,852 | 7,536 | 8,018 | 92.0 | 92.7 | 91.1 | 93.5 |
| Colorado | 6,147 | 6,440 | 7,174 | 7,538 | 5.1 | 5,605 | 5,827 | 6,471 | 7,010 | 91.2 | 90.5 | 90.2 | 93.0 |
| Connecticut | 7,502 | 8,056 | 8,704 | 9,481 | 8.9 | 6,675 | 7,113 | 7,423 | 8,432 | 89.0 | 88.3 | 85.3 | 88.9 |
| Delaware | 8,201 | 7,720 | 8,295 | 8,542 | 3.0 | 6,554 | 6,704 | 7,261 | 7,399 | 79.9 | 86.8 | 87.5 | 86.6 |
| District of Columbia | 6,502 | 6,798 | 6,735 | 7,914 | 17.5 | 5,652 | 6,031 | 5,950 | 6,988 | 86.9 | 88.7 | 88.3 | 88.3 |
| Florida | 5,793 | 6,018 | 6,881 | 7,411 | 7.7 | 5,263 | 5,508 | 6,225 | 6,761 | 90.9 | 91.5 | 90.5 | 91.2 |
| Georgia | 5,372 | 5,719 | 6,695 | 7,384 | 10.3 | 4,985 | 5,295 | 6,179 | 6,768 | 92.8 | 92.6 | 92.3 | 91.7 |
| Hawaii | 6,173 | 7,117 | 7,719 | 8,293 | 7.4 | 5,581 | 6,326 | 6,902 | 7,496 | 90.4 | 88.9 | 89.4 | 90.4 |
| Idaho | 5,408 | 5,788 | 6,161 | 6,633 | 7.7 | 4,850 | 5,203 | 5,604 | 6,057 | 89.7 | 89.9 | 91.0 | 91.3 |
| Illinois | 7,004 | 7,314 | 8,159 | 8,729 | 7.0 | 6,401 | 6,676 | 7,440 | 8,134 | 91.4 | 91.3 | 91.2 | 93.2 |
| Indiana | 6,370 | 6,739 | 7,616 | 7,983 | 4.8 | 5,893 | 6,233 | 7,070 | 7,402 | 92.5 | 92.5 | 92.8 | 92.7 |
| Iowa | 5,644 | 6,062 | 6,641 | 6,998 | 5.4 | 5,036 | 5,334 | 5,998 | 6,226 | 89.2 | 88.0 | 90.3 | 89.0 |
| Kansas | 5,685 | 6,154 | 6,881 | 7,147 | 3.9 | 5,233 | 5,598 | 6,237 | 6,611 | 92.0 | 91.0 | 90.6 | 92.5 |
| Kentucky | 5,290 | 5,698 | 6,239 | 6,896 | 10.5 | 4,887 | 5,353 | 5,750 | 6,409 | 92.4 | 93.9 | 92.2 | 92.9 |
| Louisiana | 5,777 | 6,185 | 6,882 | 7,165 | 4.1 | 5,291 | 5,595 | 6,255 | 6,667 | 91.6 | 90.5 | 90.9 | 93.0 |
| Maine | 5,068 | 5,392 | 6,064 | 6,771 | 11.7 | 4,528 | 4,809 | 5,361 | 6,144 | 89.3 | 89.2 | 88.4 | 90.7 |
| Maryland | 6,877 | 6,759 | 8,096 | 8,534 | 5.4 | 6,277 | 6,300 | 7,479 | 7,868 | 91.3 | 93.2 | 92.4 | 92.2 |
| Massachusetts | 6,334 | 6,630 | 7,728 | 8,203 | 6.1 | 5,759 | 5,944 | 6,892 | 7,386 | 90.9 | 89.7 | 89.2 | 90.0 |
| Michigan | 7,115 | 7,538 | 8,322 | 8,884 | 6.8 | 6,609 | 6,947 | 7,655 | 8,303 | 92.9 | 92.2 | 92.0 | 93.5 |
| Minnesota | 5,889 | 6,125 | 6,963 | 7,509 | 7.8 | 5,586 | 5,774 | 6,453 | 7,050 | 94.9 | 94.3 | 92.7 | 93.9 |
| Mississippi | 4,825 | 5,194 | 5,874 | 6,073 | 3.4 | 4,405 | 4,744 | 5,384 | 5,775 | 91.3 | 91.3 | 91.7 | 95.1 |
| Missouri | 6,058 | 6,383 | 7,078 | 7,548 | 6.6 | 5,584 | 5,944 | 6,514 | 7,096 | 92.2 | 93.1 | 92.0 | 94.0 |
| Montana | 5,564 | 5,689 | 5,799 | 6,848 | 18.1 | 5,066 | 4,973 | 5,259 | 6,165 | 91.0 | 87.4 | 90.7 | 90.0 |
| Nebraska | 5,372 | 5,849 | 6,154 | 6,995 | 13.7 | 4,814 | 5,129 | 5,627 | 6,257 | 89.6 | 87.7 | 91.4 | 89.5 |
| Nevada | 7,025 | 7,347 | 8,363 | 8,994 | 7.5 | 6,404 | 6,754 | 7,587 | 8,117 | 91.2 | 91.9 | 90.7 | 90.2 |
| New Hampshire | 5,584 | 6,098 | 6,859 | 6,824 | –0.5 | 4,985 | 5,447 | 6,278 | 6,200 | 89.3 | 89.3 | 91.5 | 90.9 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| New Jersey . . . . . . | 6,915 | 7,406 | 8,384 | 8,955 | 6.8 | 6,343 | 6,821 | 7,608 | 8,273 | 91.7 | 92.1 | 90.7 | 92.4 |
| New Mexico . . . . . | 5,544 | 5,544 | 6,385 | 6,497 | 1.8 | 5,231 | 5,366 | 5,995 | 6,202 | 94.4 | 96.8 | 93.9 | 95.5 |
| New York . . . . . . . | 7,132 | 7,475 | 8,637 | 8,955 | 3.7 | 6,274 | 6,525 | 7,464 | 8,013 | 88.0 | 87.3 | 86.4 | 89.5 |
| North Carolina . . . . | 5,203 | 5,471 | 6,201 | 6,729 | 8.5 | 4,832 | 5,055 | 5,770 | 6,239 | 92.9 | 92.4 | 93.0 | 92.7 |
| North Dakota . . . . | 4,872 | 5,094 | 5,536 | 6,079 | 9.8 | 4,431 | 4,368 | 4,687 | 5,413 | 90.9 | 85.7 | 84.7 | 89.0 |
| | | | | | | | | | | | | | |
| Ohio . . . . . . . . . . | 6,735 | 7,003 | 7,815 | 8,191 | 4.8 | 6,187 | 6,466 | 7,232 | 7,649 | 91.9 | 92.3 | 92.5 | 93.4 |
| Oklahoma . . . . . . . | 5,360 | 5,734 | 6,423 | 6,941 | 8.1 | 4,963 | 5,330 | 5,873 | 6,497 | 92.6 | 93.0 | 91.4 | 93.6 |
| Oregon . . . . . . . . | 6,132 | 6,601 | 7,159 | 7,695 | 7.5 | 5,537 | 6,006 | 6,443 | 7,182 | 90.3 | 91.0 | 90.0 | 93.3 |
| Pennsylvania . . . . . | 6,267 | 6,555 | 7,337 | 7,745 | 5.6 | 5,758 | 6,038 | 6,710 | 7,151 | 91.9 | 92.1 | 91.5 | 92.3 |
| Rhode Island . . . . . | 6,011 | 6,426 | 7,097 | 7,276 | 2.5 | 5,419 | 5,784 | 6,481 | 6,630 | 90.2 | 90.0 | 91.3 | 91.1 |
| | | | | | | | | | | | | | |
| South Carolina . . . . | 5,021 | 5,369 | 6,005 | 6,302 | 4.9 | 4,671 | 5,013 | 5,609 | 5,944 | 93.0 | 93.4 | 93.4 | 94.3 |
| South Dakota . . . . | 4,472 | 4,763 | 5,555 | 5,813 | 4.6 | 4,127 | 4,370 | 4,779 | 5,351 | 92.3 | 91.7 | 86.0 | 92.1 |
| Tennessee . . . . . . . | 5,235 | 5,674 | 6,422 | 6,771 | 5.4 | 4,844 | 5,223 | 5,946 | 6,330 | 92.5 | 92.1 | 92.6 | 93.5 |
| Texas . . . . . . . . . . | 5,783 | 6,026 | 6,939 | 7,301 | 5.2 | 5,306 | 5,474 | 6,294 | 6,743 | 91.8 | 93.8 | 90.7 | 92.4 |
| Utah . . . . . . . . . . . | 5,951 | 6,112 | 6,872 | 7,272 | 5.8 | 5,519 | 5,735 | 6,379 | 6,875 | 92.7 | 93.8 | 92.8 | 94.5 |
| | | | | | | | | | | | | | |
| Vermont . . . . . . . | 4,774 | 5,068 | 6,476 | 6,913 | 6.7 | 4,226 | 4,487 | 5,734 | 6,372 | 88.5 | 88.5 | 88.5 | 92.2 |
| Virginia . . . . . . . . | 6,002 | 6,346 | 7,213 | 7,793 | 8.0 | 5,628 | 5,906 | 6,739 | 7,326 | 93.8 | 93.1 | 93.4 | 94.0 |
| Washington . . . . . . | 6,564 | 7,070 | 7,954 | 8,271 | 4.0 | 6,011 | 6,499 | 7,278 | 7,632 | 91.6 | 91.9 | 91.5 | 92.3 |
| West Virginia . . . . . | 5,364 | 5,708 | 6,237 | 6,835 | 9.6 | 4,990 | 5,355 | 5,869 | 6,213 | 93.0 | 93.8 | 94.1 | 90.9 |
| Wisconsin . . . . . . . | 6,071 | 6,463 | 7,160 | 7,613 | 6.3 | 5,730 | 6,065 | 6,632 | 7,177 | 94.4 | 93.8 | 92.6 | 94.3 |
| Wyoming . . . . . . . | 5,457 | 5,909 | 6,413 | 7,054 | 10.0 | 4,893 | 5,299 | 5,628 | 6,289 | 89.7 | 89.7 | 87.8 | 89.2 |

SOURCE: U.S. Department of the Treasury, Internal Revenue Service, Statistics of Income, 1966, 1967, 1968 and 1969, *Individual Income Tax Returns.*

*Average gross income per income tax return; includes taxable and nontaxable returns. Averages computed by NEA Research Division from Internal Revenue Service data.

## TABLE 6.–ECONOMIC AND MANPOWER DEVELOPMENTS, 1967 TO 1971

| | 1967 | 1968 | 1969 | 1970 | 1971[a] | Percent change, 1971 over 1970 |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| GNP in current dollars (billions) | $793.9 | $864.2 | $929.1 | $974.1 | $1,046.8 | 7.5 |
| GNP in 1958 dollars (billions) | 675.2 | 706.6 | 724.7 | 720.0 | 739.5 | 2.7 |
| Total civilian enployment (thousands) | 74,372 | 75,920 | 77,902 | 78,627 | 79,120 | 0.6 |
| Nonfarm civilian employment (thousands) | 70,527 | 72,103 | 74,296 | 75,165 | 75,732 | 0.8 |
| Unemployment (thousands) | 2,975 | 2,817 | 2,831 | 4,088 | 4,993 | 22.1 |
| Unemployment rate (percent) | 3.8 | 3.6 | 3.5 | 4.9 | 5.9 | 20.4 |
| Weekly earnings (private nonfarm production workers) in current dollars | $101.84 | $107.73 | $114.61 | $119.46 | $126.54 | 5.9 |
| Consumer Price Index (1967=100) | 100.0 | 104.2 | 109.8 | 116.3 | 121.3 | 4.3 |
| Weekly earnings in 1967 dollars | $101.84 | $103.39 | $104.38 | $102.99 | $104.32 | 1.3 |

SOURCE: *Economic Report of the President, 1972,* January 1972.

[a] Column 7 computed by NEA Research Division.

## TABLE 7.–INDEXES OF OUTPUT PER MAN-HOUR AND RELATED DATA, PRIVATE ECONOMY, SELECTED YEARS, 1950 TO 1971 (1967 = 100.0)

| | Total–private economy | | | | | |
|---|---|---|---|---|---|---|
| Year | Total output[a] | Man-hours[b] | Output per man-hour | Compensation per man-hour[c] | Unit labor cost | Implicit price deflator[d] |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1950 | 52.5 | 87.9 | 59.7 | 42.8 | 71.7 | 70.9 |
| 1952 | 57.2 | 91.2 | 62.7 | 49.8 | 79.4 | 77.5 |
| 1954 | 59.3 | 88.6 | 66.9 | 54.5 | 81.5 | 79.1 |
| 1956 | 65.6 | 93.7 | 70.0 | 59.5 | 85.0 | 82.3 |
| 1958 | 65.6 | 88.4 | 74.3 | 66.0 | 88.9 | 87.1 |
| 1960 | 71.9 | 92.0 | 78.2 | 71.7 | 91.8 | 89.5 |
| 1961 | 73.2 | 90.6 | 80.9 | 74.4 | 92.1 | 90.4 |
| 1962 | 78.2 | 92.4 | 84.7 | 77.7 | 91.8 | 91.2 |
| 1963 | 81.5 | 92.9 | 87.7 | 80.8 | 92.1 | 92.2 |
| 1964 | 86.2 | 94.5 | 91.1 | 84.9 | 93.1 | 93.2 |
| 1965 | 91.8 | 97.4 | 94.2 | 88.4 | 93.8 | 94.8 |
| 1966 | 97.7 | 99.7 | 98.0 | 94.5 | 96.5 | 97.2 |
| 1967 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1968 | 104.8 | 101.8 | 102.9 | 107.6 | 104.6 | 103.6 |
| 1969 | 107.5 | 104.0 | 103.4 | 115.6 | 111.9 | 108.3 |
| 1970 | 106.8 | 102.4 | 104.3 | 124.0 | 118.9 | 113.6 |
| 1971[e] | 106.9 | 101.7 | 108.1 | 132.6 | 122.7 | 118.5 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, as quoted in *Economic Report of the President.* Washington, D.C.: Government Printing Office, January 1972. p. 234.

[a] Output refers to gross national product in 1958 prices.

[b] Hours of all persons in private industry engaged in production. Estimates based largely on establishment data.

[c] Wages and salaries of employees plus employers' contribution for social insurance and private benefit plans. Also includes estimates for self-employed.

[d] Current dollar gross product divided by constant dollar product.

[e] Preliminary.

**TABLE 8.–UNEMPLOYMENT RATES, 1961 TO 1971 (SELECTED GROUPS OF WORKERS)**

| Group of workers | Percent of unemployment* | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1961-65 average | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| ALL WORKERS | 5.5 | 3.8 | 3.8 | 3.6 | 3.5 | 4.9 | 5.9 |
| SEX AND AGE: | | | | | | | |
| Both sexes 16-19 years | 15.9 | 12.8 | 12.8 | 12.7 | 12.2 | 15.2 | 16.9 |
| Men 20 years and over | 4.4 | 2.5 | 2.3 | 2.2 | 2.1 | 3.5 | 4.4 |
| Women 20 years and over | 5.4 | 3.8 | 4.2 | 3.8 | 3.7 | 4.8 | 5.7 |
| SELECTED OCCUPATIONAL GROUPS: | | | | | | | |
| White-collar workers | 2.8 | 2.0 | 2.2 | 2.0 | 2.1 | 2.8 | NA |
| Blue-collar workers | 7.1 | 4.2 | 4.4 | 4.1 | 3.9 | 6.2 | 7.4 |
| Craftsmen and farmers | 4.8 | 2.8 | 2.5 | 2.4 | 2.2 | 3.8 | NA |
| Operatives | 7.3 | 4.3 | 5.0 | 4.5 | 4.4 | 7.1 | NA |
| Nonfarm laborers | 11.8 | 7.4 | 7.6 | 7.2 | 6.7 | 9.5 | NA |
| PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES | 5.9 | 3.8 | 3.9 | 3.6 | 3.5 | 5.2 | NA |
| Construction | 12.8 | 8.1 | 7.4 | 6.9 | 6.0 | 9.7 | NA |
| Manufacturing | 5.6 | 3.2 | 3.7 | 3.3 | 3.3 | 5.6 | NA |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, as quoted in *Economic Report of the President.* Washington, D.C.: Government Printing Office, January 1972. p. 223.

*Number of employed in each group as percent of civilian labor force in that group.

## TABLE 9.–CONSUMER PRICE INDEX, ALL ITEMS, 1951 TO 1971 (1967 = 100.0)

| Year<br>1 | January<br>2 | February<br>3 | March<br>4 | April<br>5 | May<br>6 | June<br>7 | July<br>8 | August<br>9 | September<br>10 | October<br>11 | November<br>12 | December<br>13 | Average for year<br>14 | Percent change from previous years<br>15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | 76.1 | 77.0 | 77.3 | 77.4 | 77.7 | 77.6 | 77.7 | 77.7 | 78.2 | 78.6 | 79.0 | 79.3 | 77.8 | . . |
| 1952 | 79.3 | 78.8 | 78.8 | 79.1 | 79.2 | 79.4 | 80.0 | 80.1 | 80.0 | 80.1 | 80.1 | 80.0 | 79.5 | 2.2 |
| 1953 | 79.8 | 79.4 | 79.6 | 79.7 | 79.9 | 80.2 | 80.4 | 80.6 | 80.7 | 80.9 | 80.6 | 80.5 | 80.1 | 0.8 |
| 1954 | 80.7 | 80.6 | 80.5 | 80.3 | 80.6 | 80.7 | 80.7 | 80.6 | 80.4 | 80.2 | 80.3 | 80.1 | 80.5 | 0.5 |
| 1955 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.4 | 80.2 | 80.5 | 80.5 | 80.6 | 80.4 | 80.2 | −0.4 |
| 1956 | 80.3 | 80.3 | 80.4 | 80.5 | 80.9 | 81.4 | 82.0 | 81.9 | 82.0 | 82.5 | 82.5 | 82.7 | 81.4 | 1.5 |
| 1957 | 82.8 | 83.1 | 83.3 | 83.6 | 83.8 | 84.3 | 84.7 | 84.8 | 84.9 | 84.9 | 85.2 | 85.2 | 84.3 | 3.6 |
| 1958 | 85.7 | 85.8 | 86.4 | 86.6 | 86.6 | 86.7 | 86.8 | 86.7 | 86.7 | 86.7 | 86.8 | 86.7 | 86.6 | 2.7 |
| 1959 | 86.8 | 86.7 | 86.7 | 86.8 | 86.9 | 87.3 | 87.5 | 87.4 | 87.7 | 88.0 | 88.0 | 88.0 | 87.3 | 0.8 |
| 1960 | 87.9 | 88.0 | 88.0 | 88.5 | 88.5 | 88.6 | 88.7 | 88.7 | 88.8 | 89.2 | 89.3 | 89.3 | 88.7 | 1.6 |
| 1961 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.8 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.6 | 1.0 |
| 1962 | 89.9 | 90.1 | 90.3 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 91.2 | 91.1 | 91.1 | 91.0 | 90.6 | 1.1 |
| 1963 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.7 | 92.1 | 92.1 | 92.1 | 92.2 | 92.3 | 92.5 | 91.7 | 1.2 |
| 1964 | 92.6 | 92.5 | 92.6 | 92.7 | 92.7 | 92.9 | 93.1 | 93.0 | 93.2 | 93.3 | 93.5 | 93.6 | 92.9 | 1.3 |
| 1965 | 93.6 | 93.6 | 93.7 | 94.0 | 94.2 | 94.7 | 94.8 | 94.6 | 94.8 | 94.9 | 95.1 | 95.4 | 94.5 | 1.7 |
| 1966 | 95.4 | 96.0 | 96.3 | 96.7 | 96.8 | 97.1 | 97.4 | 97.9 | 98.1 | 98.5 | 98.5 | 98.6 | 97.2 | 2.9 |
| 1967 | 98.6 | 98.7 | 98.9 | 99.1 | 99.4 | 99.7 | 100.2 | 100.5 | 100.7 | 101.0 | 101.3 | 101.6 | 100.0 | 2.9 |
| 1968 | 102.0 | 102.3 | 102.8 | 103.1 | 103.4 | 104.0 | 104.5 | 104.8 | 105.1 | 105.7 | 106.1 | 106.4 | 104.2 | 4.2 |
| 1969 | 106.7 | 107.1 | 108.0 | 108.7 | 109.0 | 109.7 | 110.2 | 110.7 | 111.2 | 111.6 | 112.2 | 112.9 | 109.8 | 5.4 |
| 1970 | 113.3 | 113.9 | 114.5 | 115.2 | 115.7 | 116.3 | 116.7 | 116.9 | 117.5 | 118.1 | 118.5 | 119.1 | 116.3 | 5.9 |
| 1971 | 119.2 | 119.4 | 119.8 | 120.2 | 120.8 | 121.5 | 121.8 | 122.1 | 122.2 | 122.4 | 122.6 | 123.1 | 121.3 | 4.3 |
| 1972 | 123.2 | 123.8 | 124.0 |  |  |  |  |  |  |  |  |  |  |  |

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics, *The Consumer Price Index*, various dates.

### TABLE 10.—CONSUMER PRICE INDEX AND PURCHASING POWER OF THE DOLLAR
### CALENDAR YEARS, 1929-1971

| Calendar year | Consumer Price Index<br>1967 equals 100.0 | <br>1971 equals 100.0 | Purchasing power of $1 in 1971 prices |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1929 ....... | 51.3 | 41.7 | $2.40 |
| 1930 ....... | 50.0 | 40.6 | 2.46 |
| 1931 ....... | 45.6 | 37.0 | 2.70 |
| 1932 ....... | 40.9 | 33.2 | 3.01 |
| 1933 ....... | 38.8 | 31.5 | 3.17 |
| 1934 ....... | 40.1 | 32.6 | 3.07 |
| 1935 ....... | 41.1 | 33.4 | 2.99 |
| 1936 ....... | 41.5 | 33.7 | 2.97 |
| 1937 ....... | 43.0 | 34.9 | 2.87 |
| 1938 ....... | 42.2 | 34.3 | 2.92 |
| 1939 ....... | 41.6 | 33.8 | 2.96 |
| 1940 ....... | 42.0 | 34.1 | 2.93 |
| 1941 ....... | 44.1 | 35.8 | 2.79 |
| 1942 ....... | 48.8 | 39.6 | 2.53 |
| 1943 ....... | 51.8 | 42.1 | 2.38 |
| 1944 ....... | 52.7 | 42.8 | 2.34 |
| 1945 ....... | 53.9 | 43.8 | 2.28 |
| 1946 ....... | 58.5 | 47.5 | 2.11 |
| 1947 ....... | 66.9 | 54.3 | 1.84 |
| 1948 ....... | 72.1 | 58.6 | 1.71 |
| 1949 ....... | 71.4 | 58.0 | 1.72 |
| 1950 ....... | 72.1 | 58.6 | 1.71 |
| 1951 ....... | 77.8 | 63.2 | 1.58 |
| 1952 ....... | 79.5 | 64.6 | 1.55 |
| 1953 ....... | 80.1 | 65.1 | 1.54 |
| 1954 ....... | 80.5 | 65.4 | 1.53 |
| 1955 ....... | 80.2 | 65.2 | 1.53 |
| 1956 ....... | 81.4 | 66.1 | 1.51 |
| 1957 ....... | 84.3 | 68.5 | 1.46 |
| 1958 ....... | 86.6 | 70.3 | 1.42 |
| 1959 ....... | 87.3 | 70.9 | 1.41 |
| 1960 ....... | 88.7 | 72.1 | 1.39 |
| 1961 ....... | 89.6 | 72.8 | 1.37 |
| 1962 ....... | 90.6 | 73.6 | 1.36 |
| 1963 ....... | 91.7 | 74.5 | 1.34 |
| 1964 ....... | 92.9 | 75.5 | 1.32 |
| 1965 ....... | 94.5 | 76.8 | 1.30 |
| 1966 ....... | 97.2 | 79.0 | 1.27 |
| 1967 ....... | 100.0 | 81.2 | 1.23 |
| 1968 ....... | 104.2 | 84.6 | 1.18 |
| 1969 ....... | 109.8 | 89.2 | 1.12 |
| 1970 ....... | 116.3 | 94.5 | 1.06 |
| 1971 ....... | 123.1 | 100.0 | 1.00 |

SOURCE: Column 2 from: U.S. Department of Labor, Bureau of Labor Statistics; Columns 3 and 4 computed by NEA Research Division.

### TABLE 11.—CONSUMER PRICE INDEX AND PURCHASING POWER OF THE DOLLAR, SCHOOL YEARS 1929-30 TO 1970-71

| School year | Consumer Price Index*<br>1967-68 equals 100.0 | <br>1970-71 equals 100.0 | Purchasing power of $1 in 1970-71 prices** |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1929-1930 ...... | 49.6 | 41.4 | $2.42 |
| 1930-1931 ...... | 45.9 | 38.3 | 2.61 |
| 1931-1932 ...... | 41.3 | 34.5 | 2.90 |
| 1932-1933 ...... | 37.8 | 31.6 | 3.16 |
| 1933-1934 ...... | 38.7 | 32.3 | 3.10 |
| 1934-1935 ...... | 39.8 | 33.2 | 3.01 |
| 1935-1936 ...... | 40.2 | 33.6 | 2.98 |
| 1936-1937 ...... | 41.5 | 34.6 | 2.89 |
| 1937-1938 ...... | 41.6 | 34.7 | 2.88 |
| 1938-1939 ...... | 40.6 | 33.9 | 2.95 |
| 1939-1940 ...... | 40.9 | 34.1 | 2.93 |
| 1940-1941 ...... | 41.7 | 34.8 | 2.87 |
| 1941-1942 ...... | 46.2 | 38.6 | 2.59 |
| 1942-1943 ...... | 49.8 | 41.6 | 2.40 |
| 1943-1944 ...... | 51.0 | 42.6 | 2.35 |
| 1944-1945 ...... | 52.2 | 43.6 | 2.29 |
| 1945-1946 ...... | 54.1 | 45.2 | 2.21 |
| 1946-1947 ...... | 63.1 | 52.7 | 1.90 |
| 1947-1948 ...... | 69.0 | 57.6 | 1.74 |
| 1948-1949 ...... | 70.0 | 58.4 | 1.71 |
| 1949-1950 ...... | 69.3 | 57.8 | 1.73 |
| 1950-1951 ...... | 74.2 | 61.9 | 1.62 |
| 1951-1952 ...... | 77.1 | 64.4 | 1.55 |
| 1952-1953 ...... | 77.9 | 65.0 | 1.54 |
| 1953-1954 ...... | 78.6 | 65.6 | 1.52 |
| 1954-1955 ...... | 78.1 | 65.2 | 1.53 |
| 1955-1956 ...... | 78.7 | 65.7 | 1.52 |
| 1956-1957 ...... | 81.2 | 67.8 | 1.47 |
| 1957-1958 ...... | 83.8 | 69.9 | 1.43 |
| 1958-1959 ...... | 84.7 | 70.7 | 1.41 |
| 1959-1960 ...... | 85.9 | 71.7 | 1.39 |
| 1960-1961 ...... | 87.0 | 72.6 | 1.38 |
| 1961-1962 ...... | 87.9 | 73.4 | 1.36 |
| 1962-1963 ...... | 89.0 | 74.3 | 1.35 |
| 1963-1964 ...... | 90.2 | 75.3 | 1.33 |
| 1964-1965 ...... | 91.5 | 76.4 | 1.31 |
| 1965-1966 ...... | 93.6 | 78.1 | 1.28 |
| 1966-1967 ...... | 96.5 | 80.6 | 1.24 |
| 1967-1968 ...... | 100.0 | 83.5 | 1.20 |
| 1968-1969 ...... | 105.0 | 87.6 | 1.14 |
| 1969-1970 ...... | 111.2 | 92.8 | 1.08 |
| 1970-1971 ..... | 119.8 | 100.0 | 1.00 |
| Sept.–Dec. 1970 . | 118.3 | 98.7 | 1.01 |
| Sept.–Dec. 1971 . | 122.6 | 102.3 | .98 |

*CPI converted to school-year basis by NEA Research Division.

**Computed by NEA Research Division.

TABLE 12.–CONSUMER PRICE INDEXES, BY SPECIAL GROUPS, SELECTED YEARS, 1950 TO 1971 (1967 = 100.0)

|  |  |  |  |  | Commodities |  |  |  |  | Services |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  | Commodities less food |  |  |  |  |  |  |
| Year | All items | All items less food | All items less shelter | All com-modities | Food | All | Durable | Non-durable | Total non-durable | All services | Rent | All services less rent |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1950 . . | 72.1 | 71.1 | 73.1 | 78.8 | 74.5 | 81.4 | 88.4 | 76.2 | 75.4 | 58.7 | 70.4 | 56.0 |
| 1952 . . | 79.5 | 77.5 | 80.8 | 87.0 | 84.3 | 88.3 | 96.4 | 82.4 | 83.4 | 64.5 | 76.2 | 62.2 |
| 1954 . . | 80.5 | 79.5 | 81.0 | 85.9 | 82.8 | 87.5 | 93.3 | 83.5 | 83.2 | 69.5 | 83.2 | 66.7 |
| 1956 . . | 81.4 | 81.1 | 81.7 | 85.9 | 82.2 | 87.8 | 91.5 | 85.3 | 83.7 | 72.7 | 85.9 | 70.1 |
| 1958 . . | 86.6 | 85.7 | 86.9 | 90.6 | 88.5 | 91.5 | 95.9 | 88.2 | 88.6 | 73.5 | 89.1 | 76.4 |
| 1960 . . | 88.7 | 88.8 | 88.9 | 91.5 | 88.0 | 93.1 | 96.7 | 90.7 | 89.4 | 83.5 | 91.7 | 81.9 |
| 1961 . . | 89.6 | 89.7 | 89.9 | 92.0 | 89.1 | 93.4 | 96.6 | 91.2 | 90.2 | 85.2 | 92.9 | 83.9 |
| 1962 . . | 90.6 | 90.8 | 90.9 | 92.8 | 89.9 | 94.1 | 97.6 | 91.8 | 90.9 | 86.8 | 94.0 | 85.5 |
| 1963 . . | 91.7 | 92.0 | 92.1 | 93.6 | 91.2 | 94.8 | 97.9 | 92.7 | 92.0 | 88.5 | 95.0 | 87.3 |
| 1964 . . | 92.9 | 93.2 | 93.2 | 94.6 | 92.4 | 95.6 | 98.8 | 93.5 | 93.0 | 90.2 | 95.9 | 89.2 |
| 1965 . . | 94.5 | 94.5 | 94.6 | 95.7 | 94.4 | 96.2 | 98.4 | 94.8 | 94.6 | 92.2 | 95.9 | 91.5 |
| 1966 . . | 97.2 | 96.7 | 97.4 | 98.2 | 99.1 | 97.5 | 98.5 | 97.0 | 98.1 | 95.8 | 98.2 | 95.3 |
| 1967 . . | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1968 . . | 104.2 | 104.4 | 104.1 | 103.7 | 103.6 | 103.7 | 103.1 | 104.1 | 103.9 | 105.2 | 102.4 | 105.7 |
| 1969 . . | 109.8 | 110.1 | 109.0 | 108.4 | 108.9 | 108.1 | 107.0 | 108.8 | 108.9 | 112.5 | 105.7 | 113.8 |
| 1970 . . | 116.3 | 116.7 | 114.4 | 113.5 | 114.9 | 112.5 | 111.8 | 113.1 | 114.0 | 121.6 | 110.1 | 123.7 |
| 1971 . . | 121.3 | 122.1 | 119.3 | 117.4 | 118.4 | 116.8 | 116.5 | 117.0 | 117.7 | 128.4 | 115.2 | 130.9 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, various issues.

## TABLE 13.–CONSUMER PRICE INDEX FOR 20 LARGE CITIES, ALL ITEMS, SELECTED YEARS, 1950 TO 1971 (1967 = 100.0)

| City | 1950 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971[a] | Percent change, 1971 over 1970 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| U.S.–all-city average | 72.1 | 88.7 | 89.6 | 90.6 | 91.7 | 92.9 | 94.5 | 97.2 | 100.0 | 104.2 | 109.8 | 116.3 | 121.3 | 4.3 |
| Atlanta | 72.7 | 89.3 | 89.7 | 90.5 | 91.3 | 92.8 | 94.0 | 97.0 | 100.0 | 104.0 | 110.2 | 116.5 | 122.1 | 4.8 |
| Baltimore | 71.4 | 89.1 | 89.9 | 90.6 | 91.9 | 92.9 | 94.4 | 97.7 | 100.0 | 104.1 | 110.5 | 117.0 | 123.8 | 5.8 |
| Boston | 69.5 | 86.5 | 87.7 | 89.6 | 91.4 | 92.7 | 94.5 | 97.7 | 100.0 | 104.1 | 110.0 | 116.7 | 122.5 | 5.0 |
| Chicago | 72.4 | 90.7 | 91.2 | 92.1 | 92.7 | 93.4 | 94.7 | 97.4 | 100.0 | 104.3 | 109.9 | 116.3 | 120.8 | 3.9 |
| Cincinnati | 74.0 | 90.0 | 90.4 | 91.3 | 92.3 | 93.7 | 94.4 | 97.2 | 100.0 | 104.8 | 109.8 | 115.7 | 121.0 | 4.6 |
| Cleveland | 73.1 | 90.6 | 91.4 | 91.7 | 92.7 | 93.2 | 94.7 | 97.2 | 100.0 | 105.9 | 111.9 | 119.3 | 122.8 | 2.9 |
| Detroit | 73.0 | 88.2 | 88.7 | 88.9 | 89.8 | 90.5 | 92.6 | 96.7 | 100.0 | 104.3 | 110.6 | 117.4 | 121.7 | 3.7 |
| Houston | 74.9 | 89.2 | 89.7 | 91.4 | 92.3 | 93.7 | 94.8 | 97.5 | 100.0 | 104.3 | 111.0 | 116.8 | 120.6 | 3.3 |
| Kansas City, Mo. | 70.4 | 86.9 | 88.0 | 89.4 | 90.3 | 92.5 | 95.5 | 98.0 | 100.0 | 104.0 | 109.6 | 115.8 | 120.7 | 4.2 |
| Los Angeles–Long Beach | 70.1 | 88.5 | 89.6 | 90.6 | 92.0 | 93.7 | 95.7 | 97.5 | 100.0 | 103.9 | 108.8 | 114.3 | 118.5 | 3.7 |
| Minneapolis | 72.0 | 89.0 | 89.9 | 91.0 | 92.3 | 93.2 | 94.5 | 96.8 | 100.0 | 104.6 | 109.9 | 117.5 | 121.4 | 3.3 |
| New York | 71.2 | 87.3 | 88.1 | 89.4 | 91.3 | 92.8 | 94.3 | 97.5 | 100.0 | 104.3 | 110.8 | 119.0 | 125.9 | 5.8 |
| Philadephia | 71.3 | 88.4 | 89.4 | 90.1 | 91.8 | 93.2 | 94.7 | 97.3 | 100.0 | 104.8 | 110.4 | 117.8 | 123.5 | 4.8 |
| Pittsburgh | 72.2 | 90.5 | 91.3 | 92.1 | 93.1 | 94.3 | 95.8 | 98.3 | 100.0 | 104.7 | 110.4 | 116.4 | 121.2 | 4.1 |
| Portland, Oreg. | 71.0 | 87.1 | 88.1 | 88.5 | 90.2 | 92.2 | 94.6 | 97.5 | 100.0 | 103.5 | 108.6 | 113.2 | 115.9 | 2.4 |
| St. Louis | 70.9 | 87.7 | 89.0 | 90.0 | 90.9 | 92.6 | 94.1 | 97.2 | 100.0 | 104.0 | 109.2 | 115.2 | 119.9 | 4.1 |
| San Francisco | 67.6 | 87.8 | 88.9 | 90.3 | 91.5 | 92.9 | 94.7 | 97.1 | 100.0 | 104.5 | 110.2 | 115.6 | 120.4 | 4.0 |
| Scranton | 72.2 | 86.9 | 88.2 | 89.7 | 90.9 | 92.6 | 94.1 | 97.4 | 100.0 | 104.1 | 109.5 | 116.3 | 121.4 | 4.4 |
| Seattle | 70.3 | 87.9 | 89.2 | 90.6 | 92.1 | 93.4 | 94.5 | 97.1 | 100.0 | 104.1 | 109.2 | 114.0 | 116.3 | 2.0 |
| Washington, D.C. | 73.6 | 87.7 | 89.0 | 89.8 | 91.3 | 92.8 | 94.1 | 97.3 | 100.0 | 104.7 | 111.2 | 117.6 | 122.7 | 4.3 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *Monthly Labor Review*, various issues.

[a] Includes revisions due to auto excise tax refund.

## TABLE 14.–ESTIMATED ANNUAL COSTS OF THREE BUDGETS FOR A FOUR-PERSON FAMILY[a]

| Area | Annual costs–total budget Spring 1967 | Spring 1969 | Spring[b] 1970 | Percent increase, spring 1970 over spring 1967 |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| LOWER BUDGET: | | | | |
| Urban United States . . . . . . | $ 5,915 | $ 6,567 | $ 6,960 | 17.7 |
| Metropolitan areas[c] . . . . . | 5,994 | 6,673 | 7,061 | 17.8 |
| Nonmetropolitan areas[d] . . | 5,564 | 6,092 | 6,512 | 17.0 |
| INTERMEDIATE BUDGET: | | | | |
| Urban United States . . . . . . | 9,076 | 10,077 | 10,664 | 17.5 |
| Metropolitan areas[c] . . . . . | 9,243 | 10,273 | 10,933 | 18.3 |
| Nonmetropolitan areas[d] . . | 8,322 | 9,204 | 9,600 | 15.4 |
| HIGHER BUDGET: | | | | |
| Urban United States . . . . . . | 13,050 | 14,589 | 15,511 | 18.9 |
| Metropolitan areas[c] . . . . . | 13,367 | 14,959 | 15,971 | 19.5 |
| Nonmetropolitan areas[d] . . | 11,640 | 12,942 | 13,459 | 15.6 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics.

[a] The family consists of an employed husband, age 38, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy.

[b] Estimates for Spring 1971 are shown in Table 15.

[c] Standard Metropolitan Statistical Areas.

[d] Places with 2,500 to 50,000 inhabitants.

### TABLE. 15.–ANNUAL COSTS OF BUDGETS FOR THREE LIVING STANDARDS[a]–SPRING OF 1970

| Item | Urban United States | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | | | Metropolitan areas[b] | | | Nonmetropolitan areas[c] | | |
| | Lower | Moderate | Higher | Lower | Moderate | Higher | Lower | Moderate | Higher |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| TOTAL BUDGET[d] | $6,960 | $10,664 | $15,511 | $7,061 | $10,933 | $15,971 | $6,512 | $9,600 | $13,459 |
| TOTAL COST OF FAMILY CONSUMPTION | 5,553 | 8,205 | 11,346 | 5,626 | 8,382 | 11,658 | 5,226 | 7,421 | 9,949 |
| Food | 1,905 | 2,452 | 3,092 | 1,933 | 2,491 | 3,162 | 1,780 | 2,281 | 2,785 |
| Housing–total | 1,429 | 2,501 | 3,772 | 1,453 | 2,579 | 3,915 | 1,322 | 2,158 | 3,133 |
| Transportation | 505 | 912 | 1,183 | 481 | 916 | 1,204 | 610 | 894 | 1,091 |
| Clothing and personal care | 807 | 1,137 | 1,655 | 820 | 1,153 | 1,676 | 753 | 1,065 | 1,555 |
| Medical care | 562 | 564 | 588 | 580 | 582 | 606 | 480 | 483 | 505 |
| Other family consumption[e] | 345 | 639 | 1,056 | 359 | 661 | 1,095 | 281 | 540 | 880 |
| OTHER COSTS[f] | 343 | 539 | 903 | 345 | 576 | 919 | 334 | 509 | 833 |
| SOCIAL SECURITY AND DISABILITY INSURANCE | 345 | 387 | 387 | 352 | 389 | 389 | 316 | 377 | 377 |
| PERSONAL INCOME TAXES | 719 | 1,533 | 2,875 | 738 | 1,586 | 3,005 | 636 | 1,293 | 2,300 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Spring 1970 Cost Estimates For Urban Family Budgets*, Release USDL-11-606, December 21, 1970. Estimates for Spring 1971 are shown in Table 16.

[a] The family consists of an employed husband, aged 38, wife not employed outside the home, an 8-year-old girl and a 13-year-old boy.

[b] Standard metropolitan statistical areas.

[c] Places with population of 2,500 to 50,000.

[d] Total represents the weighted average costs of renter and home-owner families.

[e] Reading, recreation, education, tobacco, alcoholic beverages,and miscellaneous expenses.

[f] Gifts and contributions and life insurance.

## TABLE 16.–INTERCITY AND AREA COMPARISONS OF A CITY WORKER'S FAMILY BUDGET FOR A MODERATE STANDARD OF LIVING, FALL 1966, SPRING 1967, 1969, 1970, AND 1971 WITH TEACHERS' SALARIES FOR 1970-71

| Area | Total budget[a] | | | | | Average salary paid teachers, 1970-71[c] | |
|---|---|---|---|---|---|---|---|
| | Fall 1966 | Spring 1967 | Spring 1969 | Spring 1970 | Spring[b] 1971 | In current dollars | Ratio to budget for spring 1971 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| United States | $ 9,191 | $ 9,076 | $10,064 | $10,664 | $11,110 | $ 9,269 | 83.4 |
| Metropolitan area[d] | 9,376 | 9,243 | 10,279 | 10,933 | 11,443 | ... | ... |
| Nonmetropolitan areas[e] | 8,366 | 8,322 | 9,101 | 9,600 | 9,999 | ... | ... |
| NORTHEAST | | | | | | | |
| Boston, Mass. | 10,141 | 9,973 | 11,253 | 12,037 | 12,554 | 9,098 | 72.5 |
| Buffalo, N.Y. | 9,724 | 9,624 | 10,747 | 11,425 | 11,888 | 10,035 | 84.4 |
| Hartford, Conn. | 10,000 | 9,833 | 10,924 | 11,584 | 12,110 | 10,263 | 84.7 |
| Lancaster, Pa. | 8,890 | 8,960 | 9,790 | 10,301 | 10,777 | ... | ... |
| New York–Northeastern N.J. | 10,195 | 9,977 | 11,247 | 12,134 | 12,665 | 10,971 | 86.6 |
| Philadelphia, Pa.–N.J. | 9,193 | 9,079 | 10,221 | 10,875 | 11,332 | 11,170 | 98.6 |
| Pittsburgh, Pa. | 8,919 | 8,764 | 9,684 | 10,236 | 10,666 | ... | ... |
| Portland, Maine | 9,257 | 9,195 | 10,209 | 10,835 | 11,332 | 9,055 | 79.9 |
| Nonmetropolitan areas[e] | 8,985 | 8,981 | 9,816 | 10,419 | 10,888 | ... | ... |
| NORTH CENTRAL | | | | | | | |
| Cedar Rapids, Iowa | 9,421 | 9,358 | 10,138 | 10,614 | 11,110 | 9,500 | 85.5 |
| Champaign–Urbana, Ill. | 9,350 | 9,257 | 10,250 | 10,864 | 11,332 | 10,726 | 94.7 |
| Chicago, Ill.–Northwestern, Ind. | 9,506 | 9,334 | 10,452 | 11,120 | 11,554 | 11,017 | 95.4 |
| Cincinnati, Ohio–Ky.–Ind. | 8,976 | 8,826 | 9,736 | 10,220 | 10,666 | 9,944 | 93.2 |
| Cleveland, Ohio | 9,297 | 9,262 | 10,470 | 11,184 | 11,666 | 9,681 | 83.0 |
| Dayton, Ohio | 8,711 | 8,636 | 9,522 | 10,094 | 10,555 | 10,030 | 95.0 |
| Detroit, Mich. | 8,981 | 8,981 | 9,949 | 10,588 | 10,999 | 11,414 | 103.8 |
| Green Bay, Wis. | 9,080 | 8,955 | 9,808 | 10,596 | 10,999 | 10,534 | 95.8 |
| Indianapolis, Ind. | 9,394 | 9,232 | 10,377 | 10,892 | 11,332 | 9,927 | 87.6 |
| Kansas City, Mo.–Kans. | 9,189 | 8,965 | 10,034 | 10,599 | 10,999 | 9,291[f] | 84.5 |
| Milwaukee, Wis. | 9,740 | 9,544 | 10,739 | 11,405 | 11,888 | 10,575 | 89.0 |
| Minneapolis–St. Paul, Minn. | 9,495 | 9,399 | 10,191 | 10,897 | 11,332 | 10,484 | 92.5 |
| St. Louis, Mo.–Ill. | 9,241 | 9,140 | 10,019 | 10,546 | 10,999 | 9,858 | 89.6 |
| Wichita, Kans. | 9,052 | 8,907 | 9,667 | 10,105 | 10,555 | 9,222 | 87.4 |
| Nonmetropolitan areas[e] | 8,535 | 8,511 | 9,329 | 9,862 | 10,221 | ... | ... |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SOUTH | | | | | | | |
| Atlanta, Ga. | 8,434 | 8,328 | 9,117 | 9,523 | 9,888 | 8,962 | 90.6 |
| Austin, Texas | 8,028 | 7,952 | 8,982 | 9,212 | 9,555 | 8,160 | 85.4 |
| Baltimore, Md. | 8,798 | 8,685 | 9,898 | 10,580 | 10,999 | 9,373 | 85.2 |
| Baton Rouge, La. | 8,538 | 8,348 | 9,211 | 9,704 | 10,110 | 8,896 | 88.0 |
| Dallas, Texas | 8,472 | 8,345 | 9,340 | 9,894 | 10,332 | 8,813 | 85.3 |
| Durham, N.C. | 8,707 | 8,641 | 9,624 | 10,187 | 10,666 | 8,421 | 79.0 |
| Houston, Texas | 8,387 | 8,301 | 9,176 | 9,645 | 9,999 | 8,962 | 89.6 |
| Nashville, Tenn. | 8,552 | 8,388 | 9,232 | 9,665 | 10,110 | 8,621 | 85.3 |
| Orlando, Fla. | 8,416 | 8,227 | 9,098 | 9,469 | 9,888 | ... | ... |
| Washington, D.C.–Md.–Va. | 9,381 | 9,273 | 10,390 | 11,047 | 11,554 | 10,421 | 90.2 |
| Nonmetropolitan areas[e] | 7,855 | 7,784 | 8,567 | 9,041 | 9,444 | ... | ... |
| | | | | | | | |
| WEST | | | | | | | |
| Bakersfield, Calif. | 8,921 | 8,822 | 9,712 | 10,040 | 10,443 | 9,452 | 90.5 |
| Denver, Colorado | 9,235 | 9,080 | 9,737 | 10,326 | 10,777 | 10,014 | 92.9 |
| Los Angeles–Long Beach, Calif. | 9,445 | 9,326 | 10,247 | 10,770 | 11,221 | 11,164[g] | 99.5 |
| San Diego, Calif. | 9,307 | 9,209 | 9,979 | 10,467 | 10,888 | 11,158 | 102.5 |
| San Francisco–Oakland, Calif. | 9,886 | 9,774 | 10,837 | 11,381 | 11,888 | 11,397[h] | 95.9 |
| Seattle–Everett, Wash. | 9,665 | 9,550 | 10,553 | 11,012 | 11,443 | 10,796[i] | 94.3 |
| Honolulu, Hawaii | 11,190 | 10,902 | 12,118 | 12,776 | 13,332 | 10,285 | 77.1 |
| Nonmetropolitan areas[e] | 8,925 | 8,890 | 9,493 | 9,885 | 10,332 | ... | ... |

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics, *City Worker's Family Budget for a Moderate Living Standard.* Bulletin No. 1570-71. Released, Autumn 1966; *Three Standards of Living for an Urban Family of Four Persons.* Bulletin No. 1570-5. Released, Spring 1967; *Three Budgets for an Urban Family of Four Persons.* Released, December 1970; *Spring 1970 Cost Estimates for Urban Family Budgets,* USDL–11–606. Released, December 21, 1970.

[a] The family consists of an employed husband, age 38, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy.

[b] Estimated by NEA Research Division from BLS data. Revision of 1970 data by BLS was received too late for inclusion in this table. Estimate for 1971 made by BLS is $10,971.

[c] NEA Research Division, *25th Biennial Salary Survey of Public-School Professional Personnel, 1970-71,* Volume I–Teachers, Principals, and Other Instructional Staff. Research Report 1971-R5.

[d] Standard metropolitan statistical areas.

[e] Places with population of 2,500 to 50,000.

[f] Weighted average for Kansas City, Mo., and Kansas City, Kansas.

[g] Weighted average for Los Angeles and Long Beach.

[h] Weighted average for San Francisco and Oakland.

[i] Weighted average for Seattle and Everett.

## TABLE 17.– ACCRA COST OF LIVING INDICATORS, FOURTH QUARTERS 1968, 1969, 1970, AND 1971, ALL ITEMS FOR SELECTED CITIES

City Index–(All Items = 100.0)

| City and state | City index–all items<br>Fourth quarter<br>1968 | <br><br>1969 | <br><br>1970 | <br><br>1971 |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| ALABAMA | | | | |
| Birmingham | 97.1 | 99.1 | 102.4 | 102.7 |
| Huntsville | 93.1 | 90.3 | 95.0 | ... |
| Mobile | 94.6 | 95.9 | 89.1 | 93.6 |
| Montgomery | 99.8 | 103.2 | 104.2 | 103.1 |
| ALASKA | | | | |
| Anchorage | 160.7 | ... | 170.8 | 163.3 |
| ARIZONA | | | | |
| Flagstaff | 101.2 | 103.4 | 112.5 | 111.0 |
| Tucson | 91.6 | ... | 106.5 | 106.6 |
| ARKANSAS | | | | |
| Fort Smith | 94.9 | 104.8 | 95.1 | 102.2 |
| Little Rock | 102.9 | 95.5 | 98.5 | 95.2 |
| CALIFORNIA | | | | |
| Fresno | 92.9 | 96.6 | 99.5 | 99.7 |
| Long Beach | 105.9 | 97.8 | ... | ... |
| Sacramento | 97.3 | ... | ... | ... |
| San Diego | 101.2 | 100.8 | 100.4 | 99.6 |
| San Francisco | 116.7 | ... | 124.3 | ... |
| San Jose | 103.7 | 107.6 | 113.0 | 106.4 |
| COLORADO | | | | |
| Colorado Springs | 99.4 | 100.0 | 100.2 | 97.9 |
| Denver | 96.5 | 105.3 | 108.3 | 105.7 |
| CONNECTICUT | | | | |
| Middletown | 106.3 | 104.4 | 110.5 | 115.0 |
| DELAWARE | | | | |
| Dover | 96.6 | 102.0 | ... | ... |
| FLORIDA | | | | |
| Fort Lauderdale | 101.6 | 111.9 | 114.6 | 112.8 |
| Gainesville | 100.6 | ... | 102.3 | ... |
| Orlando | 99.4 | 100.2 | 100.5 | 101.8 |
| St. Petersburg | 96.6 | 99.7 | 102.1 | 103.6 |
| GEORGIA | | | | |
| Atlanta | 110.0 | 106.1 | ... | ... |
| Macon | 92.6 | ... | 94.2 | 101.0 |
| Savannah | 94.8 | 96.2 | 100.3 | 98.2 |
| IDAHO | | | | |
| Boise | 91.4 | 96.2 | 101.1 | 102.7 |
| ILLINOIS | | | | |
| Chicago | 116.7 | 117.1 | 109.8 | 110.0 |
| Peoria | 97.6 | 106.3 | 106.1 | 113.2 |
| Rockford | 97.3 | 93.4 | 102.0 | 102.5 |
| INDIANA | | | | |
| Evansville | 101.4 | 100.7 | 96.0 | 96.5 |
| Gary | 96.8 | 100.9 | ... | ... |
| Indianapolis | 101.9 | 104.9 | 99.1 | 102.6 |
| IOWA | | | | |
| Cedar Rapids | 114.3 | 107.6 | 107.6 | 102.6 |
| Des Moines | 107.0 | 109.1 | 107.8 | 113.6 |
| KANSAS | | | | |
| Kansas City | 91.5 | 94.1 | 101.2 | 104.5 |
| Wichita | 97.8 | 96.8 | ... | ... |
| KENTUCKY | | | | |
| Lexington | 99.1 | 98.2 | 98.7 | 97.8 |
| Louisville | 96.2 | 97.4 | 100.4 | 94.8 |
| LOUISIANA | | | | |
| New Orleans | 95.6 | 97.8 | 100.3 | 97.9 |
| Shreveport | 95.2 | 95.7 | 94.5 | 94.2 |
| MAINE | | | | |
| Portland | 106.1 | 97.8 | 114.3 | 111.0 |
| MICHIGAN | | | | |
| Alpena | 107.4 | 95.1 | 112.4 | 104.1 |
| Bay City | 107.2 | ... | ... | ... |
| Detroit | 99.4 | ... | ... | ... |
| Grand Rapids | 100.5 | ... | 94.8 | 97.0 |
| Lansing | 107.4 | 120.3 | 101.1 | 111.8 |
| MINNESOTA | | | | |
| Duluth | 107.1 | 107.1 | 99.9 | 98.1 |
| Minneapolis | 111.1 | 110.1 | ... | ... |
| MISSISSIPPI | | | | |
| Jackson | 95.9 | 98.3 | 96.9 | 93.0 |
| MISSOURI | | | | |
| Kansas City | 98.5 | 109.2 | 109.9 | ... |
| St. Louis | 103.1 | 102.8 | 101.0 | 100.6 |
| Springfield | 87.1 | 88.9 | 87.3 | 89.6 |

**TABLE 17.—ACCRA COST OF LIVING INDICATORS, FOURTH QUARTERS 1968, 1969, 1970, AND 1971, ALL ITEMS FOR SELECTED CITIES (Continued)**

**City Index—(All Items = 100.0)**

| City and state | City index—all items |  |  |  |
|---|---|---|---|---|
|  | Fourth quarter |  |  |  |
|  | 1968 | 1969 | 1970 | 1971 |
| 1 | 2 | 3 | 4 | 5 |
| MONTANA |  |  |  |  |
| Billings | 94.9 | 107.3 | 98.1 | 100.4 |
| Great Falls | 105.6 | 126.5 | 117.1 | 104.3 |
| NEBRASKA |  |  |  |  |
| Lincoln | 95.4 | 98.8 | 96.2 | 96.4 |
| Omaha | 102.9 | 100.9 | 97.3 | 95.7 |
| NEVADA |  |  |  |  |
| Las Vegas | 104.9 | ... | 112.1 | 111.4 |
| NEW HAMPSHIRE |  |  |  |  |
| Manchester | 100.5 | 102.2 | 105.1 | ... |
| NEW JERSEY |  |  |  |  |
| Plainfield | 106.5 | ... | ... | ... |
| Trenton | 108.4 | ... | ... | ... |
| NEW MEXICO |  |  |  |  |
| Albuquerque | 99.9 | 93.4 | 87.6 | 86.9 |
| NEW YORK |  |  |  |  |
| Buffalo | 105.6 | ... | 104.8 | ... |
| New York City | 117.5 | 119.1 | 115.6 | 116.6 |
| NORTH CAROLINA |  |  |  |  |
| Durham | 95.2 | 103.3 | 95.6 | 97.3 |
| Greensboro | 98.0 | 99.4 | 105.3 | 110.9 |
| Raleigh | 95.8 | 101.5 | 96.0 | ... |
| Winston-Salem | 101.3 | 98.5 | 103.7 | 106.9 |
| NORTH DAKOTA |  |  |  |  |
| Fargo | 100.2 | 115.8 | 110.0 | 105.8 |
| OHIO |  |  |  |  |
| Akron | 109.6 | 113.7 | ... | 104.1 |
| Cincinnati | 103.1 | 97.2 | 96.2 | 96.2 |
| Columbus | 100.8 | 103.0 | 105.3 | 91.1 |
| Dayton | 101.7 | 102.7 | ... | 103.0 |
| OKLAHOMA |  |  |  |  |
| Tulsa | 99.0 | 100.5 | 96.9 | 103.4 |
| OREGON |  |  |  |  |
| Portland | 98.6 | 93.5 | 88.1 | 103.8 |
| PENNSYLVANIA |  |  |  |  |
| Allentown | 96.1 | 94.5 | 111.0 | 87.9 |
| Philadelphia | 105.7 | ... | ... | ... |
| York | 91.8 | 95.7 | 101.9 | 102.9 |
| RHODE ISLAND |  |  |  |  |
| Pawtucket | 101.6 | ... | ... | ... |
| SOUTH CAROLINA |  |  |  |  |
| Greenville | 98.2 | 101.3 | 95.2 | 96.8 |
| SOUTH DAKOTA |  |  |  |  |
| Sioux Falls | 86.8 | ... | ... | 93.5 |
| TENNESSEE |  |  |  |  |
| Knoxville | 98.7 | 102.6 | 93.2 | 95.4 |
| Memphis | 98.5 | 102.9 | ... | ... |
| TEXAS |  |  |  |  |
| Austin | 93.7 | 97.8 | 102.5 | ... |
| El Paso | 86.6 | 86.0 | 91.0 | 88.1 |
| Fort Worth | 100.1 | 101.7 | 93.3 | 90.1 |
| Houston | 99.4 | 102.4 | 95.0 | 94.1 |
| San Antonio | 93.0 | 94.3 | 100.9 | 94.6 |
| UTAH |  |  |  |  |
| Salt Lake City | 103.8 | 98.5 | 99.1 | 97.5 |
| VIRGINIA |  |  |  |  |
| Alexandria | 120.2 | 122.5 | ... | ... |
| Portsmouth | 99.9 | 94.5 | 95.4 | 96.7 |
| Richmond | 94.5 | 94.1 | 102.0 | 102.4 |
| Roanoke | 102.2 | 98.0 | 91.3 | 95.1 |
| WASHINGTON |  |  |  |  |
| Spokane | 102.9 | ... | 104.1 | 109.9 |
| WEST VIRGINIA |  |  |  |  |
| Charleston | 111.5 | 108.7 | 104.1 | 102.6 |
| Parkersburg | 98.7 | 99.3 | 97.5 | 93.9 |
| Wheeling | 101.4 | 94.1 | 95.5 | 95.2 |
| WISCONSIN |  |  |  |  |
| Green Bay | 98.8 | 95.9 | 97.2 | ... |
| Madison | 107.3 | 104.5 | 100.7 | 101.3 |
| Wausau | 94.9 | 97.7 | 95.5 | 95.2 |
| WYOMING |  |  |  |  |
| Casper | 102.5 | 99.1 | 97.0 | 96.2 |
| Cheyenne | 90.6 | 99.7 | 93.4 | 93.1 |

SOURCE: American Chamber of Commerce Researchers Association. *Cost of Living Indicators.* Lincoln, Nebr.: the Association, November 1968, 1969, 1970, and 1971. (Used with permission)

## II. SALARIES OF THE TEACHING PROFESSION

TRENDS IN SALARIES of teachers, other members of the instructional staff and certain administrative officers in elementary and secondary schools, of faculties of public junior colleges, and of faculties of degree-granting colleges and universities are shown in Tables 18 through 37. For the most part, these tables are self-explanatory.

### Salaries Paid in Public Schools

Tables 18 through 24 show trend data on salaries paid teachers and other members of the instructional staff of public school systems. Information in these tables is received annually from the various state departments of education. Biennially the NEA Research Division also collects information on salaries paid by means of a questionnaire sent directly to individual local school systems. The biennial survey provides national estimates of salaries paid teachers, principals, other supervisory employees assigned to individual school buildings, and to selected central-office positions. Tables 25 and 26 summarize this information for the years 1962-63 through 1970-71.

Table 18 shows that the average salary of the total instructional staff increased from $5,449 in 1960-61 to $10,146 in 1971-72, or 86.2 percent. The increase has been slightly higher for elementary-school teachers compared with teachers in secondary schools. In terms of 1970-71 prices, the increase for the total instructional staff was only 32.6 percent for this period. (See Table 19.)

Average salaries paid the total instructional staff for 1960-61 through 1971-72 are shown by region in Table 20. Average salaries paid in the Southeast continue to be the lowest in dollar amounts paid. The *rate* of increase in the Southeast, however, has continued to improve rapidly throughout this period, so that the average salary of $8,424 is 93.6 percent above that of $4,351 paid in 1960-61. Major salary improvements in the Plains region in the past two years have caused this region to show the fastest rate of increase in average salaries, slightly exceeding that of the Southeast. The average salary in the Far West continues to be the highest in terms of dollar amount with that of the Mideast area only slightly less.

The average salaries paid the instructional staff in dollar amounts, and as an index of 1961-62 are shown in Tables 21 and 22 on a state-by-state basis for the years 1961-62 through 1971-72.

In 1952-53, only 13.0 percent of all teachers in elementary and secondary public schools were earning $4,500 or more, while 62.0 percent received less than $3,500 (Table 23). It is estimated that in 1971-72, only 19.9 percent are receiving less than $7,500, with 33.1 percent receiving $10,500 or more; in fact, 22.7 percent are receiving $11,500 or more.

In Table 24, average salaries of classroom teachers for the years 1963-64 to 1971-72 are shown. Similar data for the entire instructional staff are continued in Table 20 mentioned above.

Table 25 compares estimated national mean salaries paid teachers with those of various administrative and supervisory personnel for the years 1962-63, 1964-65, 1966-67, 1968-69, and 1970-71. Table 26 provides similar salary information for various central-office administrators in systems with enrollments of 12,000 or more.

### Salaries Paid in Colleges and Universities

Median annual salaries of instructional personnel and of certain administrative officers in reporting degree-granting colleges and universities are shown in Table 27 for alternate years from 1957-58 to 1969-70.

For full professors the median salary of $16,799 in 1969-70 is 108.1 percent higher than the median of $8,072 in 1957-58. Salaries of other instructional personnel showed slightly smaller increases for this eight-year period. Median salaries paid instructors increased 83.2 percent—from $4,562 to $8,357; this is the smallest increase for any of the instructional positions included in the study.

Similar rates of increase, ranging from 84.6 to 134.3 percent, are shown for administrative officers of colleges and universities. Business managers have shown a more rapid rate of increase than any other administrator, with their median salary increasing from $7,518 in 1957-58 to $17,615 in 1969-70, or 134.3 percent.

The median salary of full-time instructors in reporting public junior colleges increased 98.4 percent—from $5,470 in 1955-56 to $10,850 in 1969-70. These data are presented in Table 28.

### Salaries Scheduled in Public Schools

Tables 29 through 34 provide trend information on salaries *scheduled* for teachers, other members of the instructional staff, and selected central-office positions.

Mean scheduled salaries for teachers by preparation level, for all reporting systems with enrollments of 6,000 or more are shown in Table 29 for 1962-63 through 1971-72.

Earlier data are unavailable on a comparable basis since stratification by enrollment was first begun in 1962-63. An index relationship to 1962-63 is also shown.

Table 30 gives similar data for each of the five enrollment strata with enrollments of 6,000 or more. An index relationship to 1962-63 is shown in Table 31.

In Table 32, mean and median scheduled salaries for teachers by geographic region are shown for all systems with enrollments of 6,000 or more which reported salary data for 1971-72. Table 33 shows mean *minimum* starting salaries for teachers with a bachelor's degree, on a regional basis for school years 1965-66 through 1971-72.

Average *maximum* scheduled salaries for principals, counselors, and for certain central-office administrators, including supervisors, coordinators, directors, and superintendents are shown in Table 34 for the years 1963-64 through 1971-72.

### Salaries Scheduled in Colleges and Universities and in Public Junior Colleges

Table 35 shows mean *scheduled* minimum and maximum salaries for instructors, assistant professors, associate professors, and professors in public and nonpublic degree-granting four-year institutions for 1965-66 through 1969-70.

Table 36 summarizes mean minimum and maximum scheduled salaries, classified by preparation level, for public junior colleges for 1965-66 through 1969-70. Table 37 provides similar information for public junior colleges which structure their schedules on professorial rank.

**TABLE 18.–ESTIMATED AVERAGE ANNUAL SALARIES OF TOTAL INSTRUCTIONAL STAFF AND OF TEACHERS, 1960-61 THROUGH 1971-72**

| School year | Average salary of instructional staff | Average salary of teachers | | |
|---|---|---|---|---|
| | | Elementary | Secondary | All teachers |
| 1 | 2 | 3 | 4 | 5 |
| | | IN DOLLARS | | |
| 1960-61 | $ 5,449 | $5,075 | $ 5,543 | $5,275 |
| 1961-62 | 5,700 | 5,340 | 5,775 | 5,515 |
| 1962-63 | 5,921 | 5,560 | 5,980 | 5,732 |
| 1963-64 | 6,240 | 5,805 | 6,266 | 5,995 |
| 1964-65 | 6,465 | 5,985 | 6,451 | 6,195 |
| 1965-66 | 6,935 | 6,279 | 6,761 | 6,485 |
| 1966-67 | 7,129 | 6,622 | 7,109 | 6,830 |
| 1967-68 | 7,630 | 7,208 | 7,692 | 7,423 |
| 1968-69 | 8,272 | 7,718 | 8,210 | 7,952 |
| 1969-70 | 9,047 | 8,412 | 8,891 | 8,635 |
| 1970-71 | 9,698 | 9,021 | 9,568 | 9,269 |
| 1971-72 | 10,146 | 9,420 | 10,015 | 9,690 |
| | | INDEX: 1960-61 = 100.0 | | |
| 1960-61 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1961-62 | 104.6 | 105.2 | 104.2 | 104.6 |
| 1962-63 | 108.7 | 109.6 | 107.9 | 108.7 |
| 1963-64 | 114.5 | 114.4 | 113.0 | 113.6 |
| 1964-65 | 118.6 | 117.9 | 116.4 | 117.4 |
| 1965-66 | 127.3 | 123.7 | 122.0 | 122.9 |
| 1966-67 | 130.8 | 130.5 | 128.3 | 129.5 |
| 1967-68 | 140.0 | 142.0 | 138.8 | 140.7 |
| 1968-69 | 151.8 | 152.1 | 148.1 | 150.7 |
| 1969-70 | 166.0 | 165.8 | 160.4 | 163.7 |
| 1970-71 | 178.0 | 177.8 | 172.6 | 175.7 |
| 1971-72 | 186.2 | 185.6 | 180.7 | 183.7 |

SOURCE: From U. S. Office of Education, and NEA Research Division, *Estimates of School Statistics*. All indexes computed by NEA Research Division.

## TABLE 19.–AVERAGE SALARIES PAID INSTRUCTIONAL STAFF,[a] SCHOOL YEARS 1929-30 THROUGH 1971-72

| School Year | Average annual salary | | | Purchasing power of $1 | |
|---|---|---|---|---|---|
| | | Purchasing power | | | |
| | In current dollars | In 1960-61 prices | In 1970-71 prices | In 1960-61 prices | In 1970-71 prices |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1929-30 . . . . . . . . | $ 1,420 | $2,485 | $ 3,436 | $1.75 | $2.42 |
| 1930-31 . . . . . . . . | 1,440 | 2,736 | 3,758 | 1.90 | 2.61 |
| 1931-32 . . . . . . . . | 1,417 | 2,990 | 4,109 | 2.11 | 2.90 |
| 1932-33 . . . . . . . . | 1,316 | 3,027 | 4,159 | 2.30 | 3.16 |
| 1933-34 . . . . . . . . | 1,227 | 2,761 | 3,804 | 2.25 | 3.10 |
| 1934-35 . . . . . . . . | 1,244 | 2,724 | 3,744 | 2.19 | 3.01 |
| 1935-36 . . . . . . . . | 1,283 | 2,771 | 3,823 | 2.16 | 2.98 |
| 1936-37 . . . . . . . . | 1,327 | 2,787 | 3,835 | 2.10 | 2.89 |
| 1937-38 . . . . . . . . | 1,374 | 2,872 | 3,957 | 2.09 | 2.88 |
| 1938-39 . . . . . . . . | 1,408 | 3,013 | 4,154 | 2.14 | 2.95 |
| 1939-40 . . . . . . . . | 1,441 | 3,069 | 4,222 | 2.13 | 2.93 |
| 1940-41 . . . . . . . . | 1,470 | 3,072 | 4,219 | 2.09 | 2.87 |
| 1941-42 . . . . . . . . | 1,507 | 2,833 | 3,903 | 1.88 | 2.59 |
| 1942-43 . . . . . . . . | 1,599 | 2,798 | 3,838 | 1.75 | 2.40 |
| 1943-44 . . . . . . . . | 1,728 | 2,955 | 4,061 | 1.71 | 2.35 |
| 1944-45 . . . . . . . . | 1,846 | 3,083 | 4,227 | 1.67 | 2.29 |
| 1945-46 . . . . . . . . | 1,995 | 3,212 | 4,409 | 1.61 | 2.21 |
| 1946-47 . . . . . . . . | 2,254 | 3,111 | 4,283 | 1.38 | 1.90 |
| 1947-48 . . . . . . . . | 2,639 | 3,325 | 4,592 | 1.26 | 1.74 |
| 1948-49 . . . . . . . . | 2,846 | 3,529 | 4,867 | 1.24 | 1.71 |
| 1949-50 . . . . . . . . | 3,010 | 3,793 | 5,207 | 1.26 | 1.73 |
| 1950-51 . . . . . . . . | 3,126 | 3,657 | 5,064 | 1.17 | 1.62 |
| 1951-52 . . . . . . . . | 3,450 | 3,899 | 5,347 | 1.13 | 1.55 |
| 1952-53 . . . . . . . . | 3,554 | 3,980 | 5,473 | 1.12 | 1.54 |
| 1953-54 . . . . . . . . | 3,825 | 4,246 | 5,814 | 1.11 | 1.52 |
| 1954-55 . . . . . . . . | 3,950 | 4,385 | 6,043 | 1.11 | 1.53 |
| 1955-56 . . . . . . . . | 4,156 | 4,613 | 6,317 | 1.11 | 1.52 |
| 1956-57 . . . . . . . . | 4,350 | 4,655 | 6,394 | 1.07 | 1.47 |
| 1957-58 . . . . . . . . | 4,720 | 4,909 | 6,750 | 1.04 | 1.43 |
| 1958-59 . . . . . . . . | 4,939 | 5,087 | 6,964 | 1.03 | 1.41 |
| 1959-60 . . . . . . . . | 5,159 | 5,211 | 7,171 | 1.01 | 1.39 |
| 1960-61 . . . . . . . . | 5,449 | 5,449 | 7,520 | 1.00 | 1.38 |
| 1961-62 . . . . . . . . | 5,700 | 5,643 | 7,752 | .99 | 1.36 |
| 1962-63 . . . . . . . . | 5,921 | 5,803 | 7,995 | .98 | 1.35 |
| 1963-64 . . . . . . . . | 6,240 | 5,990 | 8,299 | .96 | 1.33 |
| 1964-65 . . . . . . . . | 6,465 | 6,142 | 8,469 | .95 | 1.31 |
| 1965-66 . . . . . . . . | 6,935 | 6,450 | 8,877 | .93 | 1.28 |
| 1966-67 . . . . . . . . | 7,129 | 6,416 | 8,840 | .90 | 1.24 |
| 1967-68 . . . . . . . . | 7,630 | 6,638 | 9,156 | .87 | 1.20 |
| 1968-69 . . . . . . . . | 8,272 | 6,866 | 9,430 | .83 | 1.14 |
| 1969-70 . . . . . . . . | 9,047 | 6,876 | 9,771 | .76 | 1.08 |
| 1970-71 . . . . . . . . | 9,698 | 6,983 | 9,698 | .72 | 1.00 |
| 1971-72 . . . . . . . . | 10,146[b] | . . . | 10,044[c] | . . . | . . . |

[a] Includes teachers, counselors, school librarians, principals, and other instructional staff assigned to individual school buildings.

[b] Preliminary estimate.

[c] Based on prices as of September 1971.

**TABLE 20.–ESTIMATED AVERAGE ANNUAL SALARIES PAID TOTAL INSTRUCTIONAL STAFF[a], BY REGION, SELECTED SCHOOL YEARS, 1960-61 THROUGH 1971-72**

| School years | Regions[b] | | | | | | | | Total, all regions |
|---|---|---|---|---|---|---|---|---|---|
| | New England | Mideast | Southeast | Great Lakes | Plains | Southwest | Rocky Mountain | Far West | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1960-61 | $ 5,599 | $ 6,208 | $4,351 | $ 5,812 | $4,760 | $4,868 | $5,053 | $ 6,653 | $ 5,449 |
| 1961-62 | 5,818 | 6,416 | 4,575 | 6,052 | 5,011 | 5,431 | 5,279 | 6,860 | 5,700 |
| 1962-63 | 6,095 | 6,647 | 4,713 | 6,256 | 5,327 | 5,567 | 5,477 | 7,076 | 5,921 |
| 1963-64 | 6,553 | 7,055 | 5,009 | 6,413 | 5,575 | 5,664 | 5,791 | 7,356 | 6,240 |
| 1964-65 | 6,819 | 7,302 | 5,227 | 6,641 | 5,813 | 5,753 | 6,067 | 7,862 | 6,465 |
| 1965-66 | 7,060 | 7,655 | 5,511 | 6,987 | 6,039 | 6,202 | 6,367 | 8,187 | 6,935 |
| 1966-67 | 7,334 | 7,921 | 6,021 | 7,317 | 6,369 | 6,265 | 6,610 | 8,604 | 7,129 |
| 1967-68 | 7,783 | 8,406 | 6,515 | 8,207 | 6,932 | 6,841 | 6,911 | 9,102 | 7,709 |
| 1968-69 | 8,457 | 9,027 | 7,053 | 8,744 | 7,550 | 7,055 | 7,348 | 9,757 | 8,272 |
| 1969-70 | 9,139 | 10,206 | 7,582 | 9,407 | 8,321 | 7,854 | 7,950 | 10,563 | 9,047 |
| 1970-71 | 9,966 | 10,857 | 8,046 | 10,182 | 8,977 | 8,430 | 8,652 | 11,231 | 9,698 |
| 1971-72 | 10,305 | 11,393 | 8,424 | 10,747 | 9,468 | 8,657 | 9,122 | 11,653 | 10,146 |
| | | | | INDEX: TOTAL, ALL REGIONS = 100.0 | | | | | |
| 1960-61 | 102.8 | 113.9 | 79.8 | 106.7 | 87.4 | 89.3 | 92.7 | 122.1 | 100.0 |
| 1961-62 | 102.1 | 112.6 | 80.3 | 106.2 | 87.9 | 95.3 | 92.6 | 120.4 | 100.0 |
| 1962-63 | 102.9 | 112.3 | 79.6 | 105.7 | 90.0 | 94.0 | 92.5 | 119.5 | 100.0 |
| 1963-64 | 105.0 | 113.1 | 80.3 | 102.8 | 89.3 | 90.8 | 92.8 | 117.9 | 100.0 |
| 1964-65 | 105.5 | 112.9 | 80.9 | 102.7 | 89.9 | 89.0 | 93.8 | 121.6 | 100.0 |
| 1965-66 | 101.8 | 110.4 | 79.5 | 100.7 | 87.1 | 89.4 | 91.8 | 118.1 | 100.0 |
| 1966-67 | 102.9 | 111.1 | 84.5 | 102.6 | 89.3 | 87.9 | 92.7 | 120.7 | 100.0 |
| 1967-68 | 101.0 | 109.0 | 84.5 | 106.5 | 89.9 | 88.7 | 89.6 | 118.1 | 100.0 |
| 1968-69 | 102.2 | 109.1 | 85.3 | 105.7 | 91.3 | 85.3 | 88.8 | 118.0 | 100.0 |
| 1969-70 | 101.0 | 112.8 | 83.8 | 104.0 | 92.0 | 86.8 | 87.9 | 116.8 | 100.0 |
| 1970-71 | 102.8 | 112.0 | 83.0 | 105.0 | 92.6 | 86.9 | 89.2 | 115.8 | 100.0 |
| 1971-72 | 101.6 | 112.3 | 83.0 | 105.9 | 93.3 | 85.3 | 89.9 | 114.9 | 100.0 |
| | | | | INDEX: 1960-61 = 100.0 | | | | | |
| 1960-61 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1961-62 | 103.9 | 103.4 | 105.1 | 104.1 | 105.3 | 111.6 | 104.5 | 103.1 | 104.6 |
| 1962-63 | 108.9 | 107.1 | 108.3 | 107.6 | 111.9 | 114.4 | 108.4 | 106.4 | 108.7 |
| 1963-64 | 117.0 | 113.6 | 115.1 | 110.3 | 117.1 | 116.4 | 114.6 | 110.6 | 114.5 |
| 1964-65 | 121.8 | 117.6 | 120.1 | 114.3 | 122.1 | 118.2 | 120.1 | 118.2 | 118.6 |
| 1965-66 | 126.1 | 123.3 | 126.7 | 120.2 | 126.9 | 127.4 | 126.0 | 123.1 | 127.3 |
| 1966-67 | 131.0 | 127.6 | 138.4 | 125.9 | 133.8 | 128.7 | 130.8 | 129.3 | 130.8 |
| 1967-68 | 139.0 | 135.4 | 149.7 | 141.2 | 145.6 | 140.5 | 136.8 | 136.8 | 141.5 |
| 1968-69 | 151.0 | 145.4 | 162.1 | 150.4 | 158.6 | 144.9 | 145.4 | 146.7 | 151.8 |
| 1969-70 | 163.2 | 164.4 | 174.3 | 161.9 | 174.8 | 161.3 | 157.3 | 158.8 | 166.0 |
| 1970-71 | 178.0 | 174.9 | 184.9 | 175.2 | 188.6 | 173.2 | 171.2 | 168.8 | 178.0 |
| 1971-72 | 184.1 | 183.5 | 193.6 | 184.9 | 198.9 | 177.8 | 180.5 | 175.2 | 186.2 |

[a] Includes classroom teachers.

[b] NEW ENGLAND: Connecticut, Maine, Massachusetts, New Hampshire, Rhode, Vermont. MIDEAST: Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania. SOUTHEAST: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia. GREAT LAKES: Illinois, Indiana, Michigan, Ohio, Wisconsin. PLAINS: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota. SOUTHWEST: Arizona, New Mexico, Oklahoma, Texas. ROCKY MOUNTAIN: Colorado, Idaho, Montana, Utah, Wyoming. FAR WEST: Alaska, California, Hawaii, Nevada, Oregon, Washington.

### TABLE 21.–AVERAGE ANNUAL SALARIES OF INSTRUCTIONAL STAFF BY STATE, SELECTED SCHOOL YEARS, 1961-62 THROUGH 1971-72

| State<br>1 | 1961-62<br>2 | 1963-64<br>3 | 1965-66<br>4 | 1967-68<br>5 | 1968-69<br>6 | 1969-70<br>7 | 1970-71<br>8 | 1971-72[a]<br>9 |
|---|---|---|---|---|---|---|---|---|
| 50 states and D.C. . . . . | $5,700 | $6,240 | $6,935 | $7,709 | $ 8,272 | $ 9,047 | $ 9,698 | $10,146 |
| Alabama . . . . . . . . . . . | 4,070 | 4,820 | 5,350 | 5,900 | 6,159 | 6,954 | 7,525 | 7,887 |
| Alaska . . . . . . . . . . . . | 7,350 | 8,233 | 8,598 | 9,660 | 10,887 | 10,993 | 14,025 | 14,584 |
| Arizona . . . . . . . . . . . | 6,150 | 6,610 | 7,165 | 7,840 | 8,465 | 8,975 | 9,550 | 10,050 |
| Arkansas . . . . . . . . . . | 3,678 | 4,098 | 4,755 | 5,702 | 6,244 | 6,461 | 6,715 | 7,217 |
| California . . . . . . . . . | 7,200 | 7,700 | 8,600 | 9,450 | 10,138 | 10,950 | 11,650 | 12,090 |
| Colorado . . . . . . . . . . | 5,502 | 5,950 | 6,577 | 7,175 | 7,523 | 8,105 | 9,152 | 9,655 |
| Connecticut . . . . . . . . | 6,471 | 7,021 | 7,562 | 8,450 | 8,900 | 9,597 | 10,600[a] | 10,800 |
| Delaware . . . . . . . . . . | 6,242 | 6,677 | 7,532 | 7,994 | 8,678 | 9,387 | 10,157 | 10,664 |
| Florida . . . . . . . . . . . | 5,549 | 6,176 | 6,378 | 7,700 | 8,511 | 8,785 | 9,230 | 9,500 |
| Georgia . . . . . . . . . . . | 4,499 | 4,933 | 5,550 | 6,775 | 7,200 | 7,520 | 8,010 | 8,226 |
| Hawaii . . . . . . . . . . . . | 5,625 | 6,145 | 7,025 | 8,176 | 8,300 | 9,600 | 10,475 | 10,898 |
| Idaho . . . . . . . . . . . . . | 4,761 | 5,075 | 5,856 | 6,200 | 6,581 | 7,081 | 7,393 | 7,621 |
| Illinois . . . . . . . . . . . . | 6,350 | 6,707 | 7,225 | 8,800 | 9,100 | 9,789 | 10,500 | 10,961 |
| Indiana . . . . . . . . . . . | 6,081 | 6,492 | 7,292 | 8,269 | 8,704 | 9,239 | 9,914 | 10,300 |
| Iowa . . . . . . . . . . . . . | 5,042 | 5,494 | 6,067 | 7,333 | 8,075 | 8,779 | 9,395 | 9,933 |
| Kansas . . . . . . . . . . . . | 5,036 | 5,448 | 5,957 | 6,723 | 7,217 | 7,811 | 8,248 | 8,580 |
| Kentucky . . . . . . . . . . | 4,232 | 4,613 | 5,200 | 6,288 | 6,824 | 7,325 | 7,623 | 7,817 |
| Louisiana . . . . . . . . . . | 5,246 | 5,299 | 5,987 | 6,980 | 7,104 | 7,264 | 8,570 | 9,113 |
| Maine . . . . . . . . . . . . | 4,619 | 5,100 | 5,600 | 6,525 | 7,288 | 8,059 | 8,650 | 9,051 |
| Maryland . . . . . . . . . . | 6,021 | 6,557 | 7,105 | 8,315 | 9,269 | 9,885 | 10,670 | 11,128 |
| Massachusetts . . . . . . . | 5,900 | 6,860 | 7,350 | 7,770 | 8,709 | 9,347 | 10,244 | 10,590 |
| Michigan . . . . . . . . . . | 6,295 | 6,703 | 7,200 | 8,475 | 9,492 | 10,125 | 11,408 | 12,092 |
| Minnesota . . . . . . . . . | 5,550 | 6,375 | 6,800 | 7,500 | 8,100 | 9,250 | 10,300 | 10,800 |
| Mississippi . . . . . . . . . | 3,623 | 3,931 | 4,327 | 4,821 | 5,910 | 5,959 | 6,202 | 6,716 |
| Missouri . . . . . . . . . . . | 5,142 | 5,587 | 6,027 | 6,858 | 7,390 | 8,064 | 8,492 | 9,156 |
| Montana . . . . . . . . . . | 5,000 | 5,550 | 5,900 | 6,650 | 7,255 | 7,875 | 8,437 | 8,931 |
| Nebraska . . . . . . . . . . | 4,400 | 5,030 | 5,350 | 6,250 | 7,077 | 7,633 | 8,400 | 8,746 |
| Nevada . . . . . . . . . . . | 6,181 | 6,480 | 7,322 | 8,491 | 8,733 | 9,615 | 9,990 | 10,600 |
| New Hampshire . . . . . . | 4,886 | 5,314 | 5,843 | 6,539 | 7,268 | 8,016 | 8,650 | 9,039 |
| New Jersey . . . . . . . . . | 6,300 | 6,738 | 7,233 | 8,162 | 8,775 | 9,650 | 10,560 | 11,350 |
| New Mexico . . . . . . . . | 5,750 | 6,222 | 6,598 | 7,300 | 7,609 | 8,125 | 8,400 | 8,450 |
| New York . . . . . . . . . . | 7,000 | 7,800 | 8,400 | 9,000 | 9,500 | 11,240 | 11,730 | 12,100 |
| North Carolina . . . . . . | 5,087 | 5,205 | 5,523 | 6,494 | 7,053 | 7,762 | 7,948 | 8,345 |
| North Dakota . . . . . . . | 4,300 | 4,915 | 5,375 | 6,085 | 6,524 | 6,840 | 7,489 | 7,620 |
| Ohio . . . . . . . . . . . . . . | 5,700 | 5,957 | 6,558 | 7,631 | 7,913 | 8,594 | 9,040 | 9,509 |
| Oklahoma . . . . . . . . . . | 5,069 | 5,302 | 5,894 | 6,253 | 6,739 | 7,257 | 7,690 | 7,800 |
| Oregon . . . . . . . . . . . . | 5,970 | 6,492 | 6,953 | 7,978 | 8,589 | 9,200 | 9,416 | 9,857 |
| Pennsylvania . . . . . . . . | 5,661 | 6,143 | 6,830 | 7,528 | 8,223 | 8,899 | 9,639 | 10,300 |
| Rhode Island . . . . . . . . | 5,900 | 6,300 | 6,750 | 7,620 | 8,178 | 9,030 | 9,587 | 10,268 |
| South Carolina . . . . . . | 3,865 | 4,318 | 4,847 | 5,816 | 6,108 | 7,069 | 7,300 | 7,650 |
| South Dakota . . . . . . . | 3,900 | 4,500 | 4,850 | 5,700 | 6,200 | 7,200 | 7,561 | 7,900 |
| Tennessee . . . . . . . . . . | 4,151 | 4,770 | 5,217 | 6,146 | 6,621 | 7,187 | 7,695 | 8,150 |
| Texas . . . . . . . . . . . . . . | 5,375 | 5,539 | 6,080 | 6,774 | 6,853 | 7,598 | 8,423 | 8,650 |
| Utah . . . . . . . . . . . . . . | 5,283 | 6,106 | 6,525 | 6,935 | 7,377 | 8,049 | 8,465 | 8,981 |
| Vermont . . . . . . . . . . . | 4,780 | 5,450 | 5,808 | 6,585 | 7,545 | 8,225 | 8,603 | 8,978 |
| Virginia . . . . . . . . . . . . | 4,764 | 5,287 | 5,898 | 6,936 | 7,576 | 8,364 | 8,892 | 9,400 |
| Washington . . . . . . . . . | 6,129 | 6,511 | 7,185 | 8,258 | 8,861 | 9,792 | 10,427 | 10,705 |
| West Virginia . . . . . . . . | 4,432 | 4,730 | 5,433 | 6,335 | 6,820 | 7,954 | 7,980 | 8,330 |
| Wisconsin . . . . . . . . . . | 5,603 | 6,124 | 6,650 | 7,504 | 8,345 | 9,150 | 9,850 | 10,780 |
| Wyoming . . . . . . . . . . . | 5,596 | 5,840 | 6,572 | 7,163 | 7,827 | 8,496 | 9,037 | 9,611 |

[a] Estimated by NEA Research Division.

TABLE 22.–AVERAGE ANNUAL SALARIES OF INSTRUCTIONAL STAFF BY STATE, SELECTED SCHOOL YEARS, 1961-62 THROUGH 1971-72 (Index: 1961-62 = 100.0)

| State | 1961-62 | 1963-64 | 1965-66 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 50 states and D.C. | 100.0 | 109.5 | 121.7 | 135.2 | 145.1 | 158.7 | 170.1 | 178.0 |
| Alabama | 100.0 | 118.4 | 131.4 | 145.0 | 151.3 | 170.9 | 184.9 | 193.8 |
| Alaska | 100.0 | 112.0 | 117.0 | 131.4 | 148.1 | 149.6 | 190.8 | 198.4 |
| Arizona | 100.0 | 107.5 | 116.5 | 127.5 | 137.6 | 145.9 | 155.3 | 163.4 |
| Arkansas | 100.0 | 111.4 | 129.3 | 155.0 | 169.8 | 175.7 | 182.6 | 196.2 |
| California | 100.0 | 106.9 | 119.4 | 131.2 | 140.8 | 152.1 | 161.8 | 167.9 |
| Colorado | 100.0 | 108.1 | 119.5 | 130.4 | 136.7 | 147.3 | 166.3 | 175.5 |
| Connecticut | 100.0 | 108.5 | 116.9 | 130.6 | 137.5 | 148.3 | 163.8 | 166.9 |
| Delaware | 100.0 | 107.0 | 120.7 | 128.1 | 139.0 | 150.4 | 162.7 | 170.8 |
| Florida | 100.0 | 111.3 | 114.9 | 138.8 | 153.4 | 158.3 | 166.3 | 171.2 |
| Georgia | 100.0 | 109.6 | 123.4 | 150.6 | 160.0 | 167.1 | 178.0 | 182.8 |
| Hawaii | 100.0 | 109.2 | 124.9 | 145.4 | 147.6 | 170.7 | 186.2 | 193.7 |
| Idaho | 100.0 | 106.6 | 123.0 | 130.2 | 138.2 | 148.7 | 155.3 | 160.1 |
| Illinois | 100.0 | 105.6 | 113.8 | 138.6 | 143.3 | 154.2 | 165.4 | 172.6 |
| Indiana | 100.0 | 106.8 | 119.9 | 136.0 | 143.1 | 151.9 | 163.0 | 169.4 |
| Iowa | 100.0 | 109.0 | 120.3 | 145.4 | 160.2 | 174.1 | 186.3 | 197.0 |
| Kansas | 100.0 | 108.2 | 118.3 | 133.5 | 143.3 | 155.1 | 163.8 | 170.4 |
| Kentucky | 100.0 | 109.0 | 122.9 | 148.6 | 161.2 | 173.1 | 180.1 | 184.7 |
| Louisiana | 100.0 | 101.0 | 114.1 | 133.1 | 135.4 | 138.5 | 163.4 | 173.7 |
| Maine | 100.0 | 110.4 | 121.2 | 141.3 | 157.8 | 174.5 | 187.3 | 196.0 |
| Maryland | 100.0 | 108.9 | 118.0 | 138.1 | 153.9 | 164.2 | 177.2 | 184.8 |
| Massachusetts | 100.0 | 116.3 | 124.6 | 131.7 | 147.6 | 158.4 | 173.6 | 179.5 |
| Michigan | 100.0 | 106.5 | 114.4 | 134.6 | 150.8 | 160.8 | 181.2 | 192.1 |
| Minnesota | 100.0 | 114.9 | 122.5 | 135.1 | 145.9 | 166.7 | 185.6 | 194.6 |
| Mississippi | 100.0 | 108.5 | 119.4 | 133.1 | 163.1 | 164.5 | 171.2 | 185.4 |
| Missouri | 100.0 | 108.7 | 117.2 | 133.4 | 143.7 | 156.8 | 165.1 | 178.1 |
| Montana | 100.0 | 111.0 | 118.0 | 133.0 | 145.1 | 157.5 | 168.7 | 178.6 |
| Nebraska | 100.0 | 114.3 | 121.6 | 142.0 | 160.8 | 173.5 | 190.9 | 198.8 |
| Nevada | 100.0 | 104.8 | 118.5 | 137.4 | 140.1 | 155.6 | 161.6 | 171.5 |
| New Hampshire | 100.0 | 108.8 | 119.6 | 133.8 | 148.8 | 164.1 | 177.0 | 185.0 |
| New Jersey | 100.0 | 107.0 | 114.8 | 129.6 | 139.3 | 153.2 | 167.6 | 180.2 |
| New Mexico | 100.0 | 108.2 | 114.7 | 127.0 | 132.3 | 141.3 | 146.1 | 147.0 |
| New York | 100.0 | 111.4 | 120.0 | 128.6 | 135.7 | 160.6 | 167.6 | 172.9 |
| North Carolina | 100.0 | 102.3 | 108.6 | 127.7 | 138.6 | 152.6 | 156.2 | 164.0 |
| North Dakota | 100.0 | 114.3 | 125.0 | 141.5 | 151.7 | 159.1 | 174.2 | 177.2 |
| Ohio | 100.0 | 104.5 | 115.1 | 133.9 | 138.8 | 150.8 | 158.6 | 166.8 |
| Oklahoma | 100.0 | 104.6 | 116.3 | 123.4 | 132.9 | 143.2 | 151.7 | 153.9 |
| Oregon | 100.0 | 108.7 | 116.5 | 133.6 | 143.9 | 154.1 | 157.7 | 165.1 |
| Pennsylvania | 100.0 | 108.5 | 120.7 | 133.0 | 145.3 | 157.2 | 170.3 | 181.9 |
| Rhode Island | 100.0 | 106.8 | 114.4 | 129.2 | 138.6 | 153.1 | 162.5 | 174.0 |
| South Carolina | 100.0 | 111.7 | 125.4 | 150.5 | 158.0 | 182.9 | 188.9 | 197.9 |
| South Dakota | 100.0 | 115.4 | 124.4 | 146.2 | 159.0 | 184.6 | 193.9 | 202.6 |
| Tennessee | 100.0 | 114.9 | 125.7 | 148.1 | 159.5 | 173.1 | 185.4 | 196.3 |
| Texas | 100.0 | 103.1 | 113.1 | 126.0 | 127.5 | 141.4 | 156.7 | 160.9 |
| Utah | 100.0 | 115.6 | 123.5 | 131.3 | 139.6 | 152.4 | 160.2 | 170.0 |
| Vermont | 100.0 | 114.0 | 121.5 | 137.8 | 157.8 | 172.1 | 180.0 | 187.8 |
| Virginia | 100.0 | 111.0 | 123.8 | 145.6 | 159.0 | 175.6 | 186.6 | 197.3 |
| Washington | 100.0 | 106.2 | 117.2 | 134.7 | 144.6 | 159.8 | 170.1 | 174.7 |
| West Virginia | 100.0 | 106.7 | 122.6 | 142.9 | 153.9 | 179.5 | 180.1 | 188.0 |
| Wisconsin | 100.0 | 109.3 | 118.7 | 133.9 | 148.9 | 163.3 | 175.8 | 192.4 |
| Wyoming | 100.0 | 104.4 | 117.4 | 128.0 | 139.9 | 151.8 | 161.5 | 171.7 |

SOURCE: Computed on dollar amounts shown in Table 25.

### TABLE 23.–PERCENT DISTRIBUTION OF ESTIMATED ANNUAL SALARIES PAID TEACHERS, 1952-53 THROUGH 1971-72

| School year<br>1 | Below $3,500<br>2 | $3,500–4,499<br>3 | $4,500–5,499<br>4 | $5,500–6,499<br>5 | $6,500–7,499<br>6 | $7,500–8,499<br>7 | $8,500–9,499<br>8 | $9,500–10,499<br>9 | $10,500–11,499<br>10 | $11,500 or more<br>11 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1952-53 | 62.0% | 25.0% | 13.0%[a] | ... | ... | ... | ... | ... | ... | ... |
| 1953-54 | 55.8 | 26.6 | 17.6[a] | ... | ... | ... | ... | ... | ... | ... |
| 1954-55 | 48.5 | 29.2 | 22.3[a] | ... | ... | ... | ... | ... | ... | ... |
| 1955-56 | 42.6 | 31.4 | 26.0[a] | ... | ... | ... | ... | ... | ... | ... |
| 1956-57 | 35.0 | 33.0 | 32.0[a] | ... | ... | ... | ... | ... | ... | ... |
| 1957-58 | 25.6 | 33.5 | 40.9[a] | ... | ... | ... | ... | ... | ... | ... |
| 1958-59 | 17.0 | 31.7 | 26.7 | 15.7% | 8.9%[b] | ... | ... | ... | ... | ... |
| 1959-60 | 12.8 | 29.7 | 28.2 | 17.4 | 11.9[b] | ... | ... | ... | ... | ... |
| 1960-61 | 9.2 | 26.0 | 27.2 | 19.3 | 10.9 | 7.4%[c] | ... | ... | ... | ... |
| 1961-62 | 5.7 | 20.9 | 28.9 | 22.6 | 12.9 | 9.0[c] | ... | ... | ... | ... |
| 1962-63 | 4.3 | 17.7 | 28.0 | 23.4 | 14.5 | 8.1 | ... | ... | ... | ... |
| 1963-64 | 2.7 | 14.2 | 28.6 | 24.2 | 15.1 | 9.0 | 4.0%[d] | ... | ... | ... |
| 1964-65 | 1.6 | 11.9 | 27.0 | 24.7 | 16.6 | 10.1 | 6.3[d] | ... | ... | ... |
| 1965-66 | 0.8 | 8.0 | 22.7 | 26.8 | 19.1 | 11.5 | 5.5 | 2.6%[f] | ... | ... |
| 1966-67 | 0.3 | 4.1 | 19.7 | 26.7 | 19.8 | 13.2 | 6.6 | 4.5[f] | ... | ... |
| 1967-68 | (— 2.1[e] —) | | 11.5 | 25.5 | 22.0 | 15.3 | 8.6 | 4.5 | 3.1%[f] | ... |
| 1968-69 | (— 6.9[g] —) | | | 18.1 | 24.5 | 18.1 | 10.5 | 6.6 | 6.5[f] | ... |
| 1969-70 | (— 2.9[g] —) | | | 13.2 | 20.5 | 19.7 | 13.4 | 8.6 | 6.0 | 4.3% |
| 1970-71 | (— 1.5[g] —) | | | 7.2 | 15.6 | 18.4 | 14.4 | 11.4 | 7.7 | 10.3 |
| 1971-72 | (— 19.9[h] —) | | | | | 17.7 | 16.7 | 14.9 | 11.3 | 14.5 |
| | | | | | | | 15.9 | 13.4 | 10.4 | 22.7 |

[a] $4,500 or more; detailed breakdown not available.
[b] $6,500 or more; detailed breakdown not available.
[c] $7,500 or more; detailed breakdown not available.
[d] $8,500 or more; detailed breakdown not available.
[e] Breakdown below $4,500 not computed.
[f] Detailed breakdown not available beyond this salary range.
[g] Breakdown below $5,500 not computed.
[h] Breakdown below $7,500 not computed.

### TABLE 24.–AVERAGE SALARIES PAID TEACHERS, BY REGION, 1963-64 TO 1971-72

| Year | New England | Mideast | Southeast | Great Lakes | Plains | Southwest | Rocky Mountain | Far West* | Total, all regions |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1963-64 ......... | $6,326 | $ 6,818 | $4,874 | $ 6,236 | $5,429 | $5,496 | $5,641 | $ 7,041 | $5,995 |
| 1964-65 ......... | 6,583 | 6,928 | 5,039 | 6,417 | 5,662 | 5,580 | 5,864 | 7,462 | 6,195 |
| 1965-66 ......... | 6,798 | 7,185 | 5,333 | 6,722 | 5,879 | 6,033 | 6,159 | 7,760 | 6,485 |
| 1966-67 ......... | 7,087 | 7,475 | 5,797 | 7,096 | 6,202 | 6,089 | 6,377 | 8,154 | 6,830 |
| 1967-68 ......... | 7,478 | 8,065 | 6,281 | 7,977 | 6,717 | 6,632 | 6,674 | 8,731 | 7,423 |
| 1968-69 ......... | 8,007 | 8,679 | 6,826 | 8,458 | 7,326 | 6,832 | 7,048 | 9,301 | 7,952 |
| 1969-70 ......... | 8,694 | 9,655 | 7,319 | 9,137 | 7,947 | 7,401 | 7,632 | 10,015 | 8,635 |
| 1970-71 ......... | 9,427 | 10,264 | 7,738 | 9,836 | 8,641 | 8,191 | 8,224 | 10,659 | 9,269 |
| 1971-72** ....... | 9,716 | 10,790 | 8,113 | 10,312 | 9,085 | 8,428 | 8,686 | 11,067 | 9,690 |

*Excludes Alaska and Hawaii.

**Advance estimates.

### TABLE 25.–MEAN SALARIES PAID TEACHERS AND CERTAIN OTHER PUBLIC-SCHOOL PERSONNEL, NATIONAL ESTIMATES 1962-63 TO 1970-71

| Position | Average salary paid | | | | | Index: 1962-63 = 100.0 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1962-63 | 1964-65 | 1966-67 | 1968-69 | 1970-71 | 1962-63 | 1964-65 | 1966-67 | 1968-69 | 1970-71 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Teachers ..................... | $ 5,732 | $ 6,195 | $ 6,830 | $ 7,952 | $ 9,269 | 100.0 | 108.1 | 119.2 | 138.7 | 161.7 |
| Supervising principals (total) ..... | 8,193 | 9,138 | 10,211 | 12,165 | 15,197 | 100.0 | 111.5 | 124.6 | 148.5 | 185.5 |
| Elementary school ........... | 7,972 | 8,903 | 9,957 | 11,957 | 15,126 | 100.0 | 111.7 | 124.9 | 150.0 | 189.7 |
| Junior high school ........... | 9,176 | 10,253[b] | 11,226[a] | 13,032[a] | 15,808 | 100.0 | 111.7 | 122.3 | 142.0 | 172.3 |
| Senior high school ........... | 8,473 | 9,457 | 10,507 | 12,348 | 15,042 | 100.0 | 111.6 | 124.0 | 145.7 | 177.5 |
| Counselors ................... | 7,390 | 8,058 | 8,630 | 10,279 | 12,051 | 100.0 | 109.0 | 116.8 | 139.1 | 163.1 |
| School librarians ............. | 6,145 | 6,721 | 7,006 | 8,400 | 9,806 | 100.0 | 109.4 | 114.0 | 136.7 | 159.6 |
| School nurses ................. | 5,650 | 6,215 | 6,664 | 7,292 | 8,634 | 100.0 | 110.0 | 117.9 | 129.1 | 152.8 |
| Superintendents ............... | 10,186 | 11,227 | 12,975 | 15,131 | 17,680 | 100.0 | 110.2 | 127.4 | 148.5 | 173.6 |

[a] Mean salaries of junior high-school principals are higher than those of senior high-school principals because junior high schools tend to be found in the large school systems where salaries of principals generally are relatively higher than in small districts.

NOTE: Salaries for teachers from *Estimates of School Statistics*, various years. Salaries for all other positions shown from *Biennial Salary Survey*, various years.

**TABLE 26.–MEAN SALARIES PAID CENTRAL-OFFICE ADMINISTRATIVE AND SUPERVISORY PERSONNEL, SCHOOL SYSTEMS WITH ENROLLMENTS OF 12,000 OR MORE[a]**

| Position | Average salary paid | | | | | Index: Salary paid teachers = 100.0 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1962-63 | 1964-65 | 1966-67 | 1968-69 | 1970-71 | 1962-63 | 1964-65 | 1966-67 | 1968-69 | 1970-71 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| TEACHERS[b] | $ 6,263 | $ 6,669 | $ 7,428 | $ 8,520 | $ 9,761 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| CENTRAL-OFFICE ADMINISTRATORS | | | | | | | | | | |
| Superintendents | 18,911 | 20,372 | 22,693 | 25,794 | 29,102 | 301.9 | 305.5 | 305.5 | 302.7 | 298.1 |
| Deputy, associate, or assistant superintendents | 14,737 | 15,849 | 17,378 | 20,001 | 22,197[e] | 235.3 | 237.7 | 234.0 | 234.8 | 227.4 |
| Administrative assistant to the superintendent | 11,046 | 12,174 | 13,866 | 15,799 | 18,323 | 176.4 | 182.5 | 186.7 | 185.4 | 187.7 |
| General administration officers for: | | | | | | | | | | |
| Employed personnel | 11,017 | 12,005 | 13,346 | 15,355 | 17,462 | 175.9 | 180.0 | 179.7 | 180.2 | 178.9 |
| Research | 10,799 | 12,207 | 13,017 | 15,148 | 16,996 | 172.4 | 183.0 | 175.2 | 177.8 | 174.1 |
| Food services | 8,272 | 8,981 | 9,676 | 11,215 | 12,622 | 132.1 | 134.7 | 130.3 | 131.6 | 129.3 |
| Health services | 8,892 | 11,754 | 11,906 | 12,969 | 12,775 | 142.0 | 176.2 | 160.3 | 152.2 | 130.9 |
| Community relations | c | 11,463 | 12,328 | 13,988 | 16,426 | c | 171.9 | 166.0 | 164.2 | 168.3 |
| Pupil transportation | c | 8,741 | 9,776 | 11,448 | 12,649 | c | 131.1 | 131.6 | 134.4 | 129.6 |
| Administrators for finance, business, and school plant: | | | | | | | | | | |
| General finance[d] | 10,664 | 12,122 | 13,167 | 15,045 | 17,797 | 170.3 | 181.8 | 177.3 | 176.6 | 182.3 |
| Purchasing | 8,651 | 9,775 | 10,471 | 11,803 | 13,699 | 138.1 | 146.6 | 141.0 | 138.5 | 140.3 |
| Accounting and auditing | c | 9,417 | 10,350 | 11,916 | 13,786 | c | 141.2 | 139.3 | 139.9 | 141.2 |
| Building, operation and maintenance | 8,835 | 9,728 | 10,550 | 12,122 | 13,838 | 141.1 | 145.9 | 142.0 | 142.3 | 141.8 |
| Building, planning and construction | 10,199 | 11,306 | 12,238 | 14,208 | 16,409 | 162.8 | 169.5 | 164.8 | 166.8 | 168.1 |
| Officers for instructional administration: | | | | | | | | | | |
| General instruction | $ 9,630 | $11,830 | $12,696 | $14,820 | $17,636 | 153.8 | 177.4 | 170.9 | 173.9 | 180.7 |
| Elementary education | 9,605 | 10,998 | 11,795 | 13,835 | 15,925 | 153.4 | 164.9 | 158.8 | 162.4 | 163.1 |
| Secondary education | 10,262 | 12,044 | 12,152 | 14,621 | 17,997 | 163.9 | 180.6 | 163.6 | 171.6 | 184.4 |
| Adult education | 10,539 | 11,600 | 12,476 | 14,756 | 16,866 | 168.3 | 173.9 | 168.0 | 173.2 | 172.8 |
| Special education | 8,269 | 10,922 | 11,605 | 13,686 | 15,513 | 132.0 | 163.8 | 156.2 | 160.6 | 158.9 |
| Library services | 10,305 | 10,005 | 10,921 | 12,689 | 14,130 | 164.5 | 150.0 | 147.0 | 148.9 | 144.8 |
| Instructional materials, and audio-visual instruction | 9,140 | 10,699 | 11,754 | 13,435 | 15,654 | 145.9 | 160.4 | 158.2 | 157.7 | 160.4 |

### TABLE 26.–MEAN SALARIES PAID CENTRAL-OFFICE ADMINISTRATIVE AND SUPERVISORY PERSONNEL, SCHOOL SYSTEMS WITH ENROLLMENTS OF 12,000 OR MORE[a] (Continued)

| Position | Average salary paid | | | | | Index: Salary paid teachers = 100.0 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1962-63 | 1964-65 | 1966-67 | 1968-69 | 1970-71 | 1962-63 | 1964-65 | 1966-67 | 1968-69 | 1970-71 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Administrators for special subject areas: | | | | | | | | | | |
| Art | 9,329 | 10,318 | 11,198 | 13,195 | 15,435 | 149.0 | 154.7 | 150.8 | 154.9 | 158.1 |
| Home economics | 9,751 | 10,823 | 11,806 | 13,553 | 15,391 | 155.7 | 162.3 | 158.9 | 159.1 | 157.7 |
| Industrial arts | 10,075 | 11,351 | 12,444 | 14,451 | 16,816 | 160.9 | 170.2 | 167.5 | 169.6 | 172.3 |
| Music | 9,045 | 10,263 | 11,341 | 13,145 | 15,107 | 144.4 | 153.9 | 152.7 | 154.3 | 154.8 |
| Physical and health education | 9,886 | 10,833 | 11,855 | 13,739 | 15,868 | 157.8 | 162.4 | 159.6 | 161.3 | 162.6 |
| Vocational education | 9,727 | 10,995 | 12,177 | 14,045 | 16,263 | 155.3 | 164.9 | 163.9 | 164.8 | 166.6 |
| Mathematics and/or science | 9,797 | 10,453 | 11,535 | 13,562 | 15,457 | 156.4 | 156.7 | 155.3 | 159.2 | 158.4 |
| Foreign languages | c | 10,339 | 11,684 | 13,578 | 16,214 | c | 155.0 | 157.3 | 159.4 | 166.1 |
| Administrators for pupil personnel services: | | | | | | | | | | |
| General pupil personnel services | 9,808 | 11,306 | 12,465 | 14,371 | 14,844 | 156.6 | 169.5 | 167.8 | 168.7 | 152.1 |
| Attendance | 8,662 | 9,154 | 10,542 | 12,172 | 17,635 | 138.3 | 137.3 | 141.9 | 142.9 | 180.7 |
| Guidance | 9,024 | 10,849 | 12,471 | 13,572 | 15,362 | 144.1 | 162.7 | 167.9 | 159.3 | 157.4 |

[a] Data not tabulated for smaller systems.

[b] Salaries shown here are average salaries of teachers in systems with enrollments of 12,000 or more.

[c] Not computed.

[d] Includes controller, business manager, treasurer, and other positions in general finance not elsewhere classified.

[e] For assistant superintendents only.

## TABLE 27.–MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL PERSONNEL AND ADMINISTRATIVE OFFICERS, COLLEGES AND UNIVERSITIES, 1957-58 TO 1969-70[a]

| Position | 1957-58 | 1959-60 | 1961-62 | 1963-64 | 1965-66 | 1967-68 | 1969-70 |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| INSTRUCTIONAL PERSONNEL–ALL DEGREE-GRANTING INSTITUTIONS | | | | | | | |
| Full-time, all ranks | $ 6,015 | $ 6,711 | $ 7,486 | $ 8,163 | $ 9,081 | $10,235 | $11,745 |
| Professors | 8,072 | 9,107 | 10,256 | 11,312 | 12,953 | 14,713 | 16,799 |
| Associate professors | 6,563 | 7,332 | 8,167 | 8,969 | 10,058 | 11,393 | 12,985 |
| Assistant professors | 5,595 | 6,231 | 6,900 | 7,539 | 8,417 | 9,472 | 10,698 |
| Instructors | 4,562 | 5,095 | 5,582 | 6,114 | 6,761 | 7,458 | 8,357 |
| ADMINISTRATIVE OFFICERS | | | | | | | |
| President | 12,407 | 13,827 | 15,375 | 17,330 | 19,638 | 22,303 | 25,979 |
| Vice-president | 12,013 | 14,154 | 16,000 | 17,130 | 19,012 | 21,458 | 23,250 |
| Dean of the college | 8,411 | 10,723 | 12,230 | 13,644 | 15,703 | 16,141 | 19,125 |
| Dean of students | 7,610 | 8,796 | 9,592 | 10,694 | 12,027 | 14,086 | 16,050 |
| Dean of men | 6,658 | 7,280 | 8,202 | 9,144 | 9,783 | 10,983 | 12,319 |
| Dean of women | 6,006 | 6,638 | 7,399 | 8,216 | 9,209 | 10,289 | 11,406 |
| Dean of admissions | 6,728 | 7,680 | 8,636 | 9,572 | 10,364 | 11,446 | 12,983 |
| Registrar | 6,032 | 6,340 | 7,312 | 8,142 | 9,123 | 10,366 | 11,743 |
| Business manager | 7,518 | 8,536 | 9,405 | 10,512 | 11,780 | 14,914 | 17,615 |
| Chief librarian | 6,134 | 7,078 | 8,163 | 8,883 | 10,225 | 11,817 | 13,439 |
| Director of public relations | 6,420 | 7,194 | 7,659 | 8,440 | 9,596 | 10,823 | 12,764 |
| Director of athletics | 7,292 | 8,104 | 8,930 | 9,871 | 11,125 | 12,470 | 14,311 |
| Head football coach | 7,077 | 7,824 | 8,554 | 9,321 | 10,716 | 11,488 | 13,395 |
| Head basketball coach | 6,382 | 6,888 | 7,700 | 8,542 | 9,383 | 10,485 | 11,779 |

INDEX: 1957-58 = 100.0

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| INSTRUCTIONAL PERSONNEL–ALL DEGREE-GRANTING INSTITUTIONS | | | | | | | |
| Full-time, all ranks | 100.0 | 111.6 | 124.5 | 135.7 | 151.0 | 170.2 | 195.3 |
| Professors | 100.0 | 112.8 | 127.1 | 140.1 | 160.5 | 182.3 | 208.1 |
| Associate professors | 100.0 | 111.7 | 124.4 | 136.7 | 153.3 | 173.6 | 197.9 |
| Assistant professors | 100.0 | 111.4 | 123.3 | 134.7 | 150.4 | 169.3 | 191.2 |
| Instructors | 100.0 | 111.7 | 122.4 | 134.0 | 148.2 | 163.5 | 183.2 |
| ADMINISTRATIVE OFFICERS | | | | | | | |
| President | 100.0 | 111.4 | 123.9 | 139.7 | 158.3 | 179.8 | 209.4 |
| Vice-president | 100.0 | 117.8 | 133.2 | 142.6 | 158.3 | 178.6 | 193.5 |
| Dean of the college | 100.0 | 127.5 | 145.4 | 162.2 | 186.7 | 191.9 | 227.4 |
| Dean of students | 100.0 | 115.6 | 126.0 | 140.5 | 158.0 | 185.1 | 210.9 |
| Dean of men | 100.0 | 109.3 | 123.2 | 137.3 | 146.9 | 165.0 | 185.0 |
| Dean of women | 100.0 | 110.5 | 123.2 | 136.8 | 153.3 | 171.3 | 189.9 |
| Dean of admissions | 100.0 | 114.1 | 128.4 | 142.3 | 154.0 | 170.1 | 193.0 |
| Registrar | 100.0 | 105.1 | 121.2 | 135.0 | 151.2 | 171.8 | 194.7 |
| Business manager | 100.0 | 113.5 | 125.1 | 139.8 | 156.7 | 198.4 | 234.3 |
| Chief librarian | 100.0 | 115.4 | 133.1 | 144.8 | 166.7 | 192.6 | 219.1 |
| Director of public relations | 100.0 | 112.1 | 119.3 | 131.5 | 149.5 | 168.6 | 198.8 |
| Director of athletics | 100.0 | 111.1 | 122.5 | 135.4 | 152.6 | 171.0 | 196.3 |
| Head football coach | 100.0 | 110.6 | 120.9 | 131.7 | 151.4 | 162.3 | 189.3 |
| Head basketball coach | 100.0 | 107.9 | 120.7 | 133.8 | 147.0 | 164.3 | 184.6 |

[a] Data for 1970-71 in process at press time.

TABLE 28.—MEDIAN SALARIES PAID TO FULL-TIME TEACHERS IN PUBLIC JUNIOR COLLEGES, 1955-56 TO 1969-70[a]

| School year | Median salary | |
|---|---|---|
| | Dollar amount | Index—1955-56 equals 100.0 |
| 1 | 2 | 3 |
| 1955-56 ......... | $ 5,470 | 100.0 |
| 1957-58 ......... | 6,261 | 114.5 |
| 1959-60 ......... | 6,578 | 120.3 |
| 1961-62 ......... | 7,212 | 131.8 |
| 1963-64 ......... | 7,828 | 143.1 |
| 1965-66 ......... | 8,361 | 152.9 |
| 1967-68 ......... | 9,165 | 167.6 |
| 1969-70 ......... | 10,850 | 198.4 |

[a]Data for 1970-71 in process at press time.

## TABLE 29.—MEAN SCHEDULED SALARIES OF TEACHERS BY PREPARATION LEVEL, 1962-63 THROUGH 1970-71 (Reporting school systems with enrollments of 6,000 or more)

| Preparation level | School year | | | | | | | | | | Percent change, 1971-72 over 1970-71 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1962-63 | 1963-64 | 1964-65 | 1965-66 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Number of reporting systems[a] . . . | 557 | 918 | 1,063 | 1,071 | 1,104 | 1,080 | 1,199 | 1,142 | 1,176 | 1,179 | . . . |
| Mean scheduled salary for: | | | | | | | | | | | |
| Minimum | | | | | | | | | | | |
| Bachelor's degree . . . . . . . . . . | $4,331 | $4,564 | $4,707 | $4,925 | $5,144 | $ 5,522 | $ 5,941 | $ 6,383 | $ 6,850 | $ 7,061 | 3.1 |
| Master's degree . . . . . . . . . . . | 4,680 | 4,946 | 5,085 | 5,350 | 5,600 | 6,043 | 6,546 | 7,058 | 7,599 | 7,837 | 3.1 |
| Six years (M.A.+30) . . . . . . . | 5,310 | 5,648 | 5,705 | 5,900 | 6,151 | 6,585 | 7,154 | 7,673 | 8,266 | 8,501 | 2.8 |
| Doctor's degree . . . . . . . . . . . | 5,417 | 5,724 | 5,723 | 6,057 | 6,350 | 6,882 | 7,471 | 8,070 | 8,712 | 8,943 | 2.7 |
| Maximum | | | | | | | | | | | |
| Bachelor's degree . . . . . . . . . . | 6,426 | 6,744 | 6,937 | 7,262 | 7,590 | 8,133 | 8,690 | 9,278 | 10,012 | 10,299 | 2.9 |
| Master's degree . . . . . . . . . . . | 7,054 | 7,487 | 7,723 | 8,167 | 8,578 | 9,248 | 9,981 | 10,717 | 11,630 | 11,973 | 2.9 |
| Six years (M.A.+30) . . . . . . . | 8,236 | 8,650 | 8,975 | 9,385 | 9,808 | 10,399 | 11,273 | 12,002 | 12,975 | 13,308 | 2.6 |
| Doctor's degree . . . . . . . . . . . | 8,199 | 8,602 | 8,917 | 9,452 | 9,936 | 10,751 | 11,602 | 12,452 | 13,461 | 13,805 | 2.6 |
| INDEX RELATIONSHIP (BACHELOR'S DEGREE MINIMUM = 100.0) | | | | | | | | | | | |
| Mean scheduled salary for: | | | | | | | | | | | |
| Minimum | | | | | | | | | | | |
| Bachelor's degree . . . . . . . . . . | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | . . . |
| Master's degree[b] . . . . . . . . . . | 108.1 | 108.4 | 108.0 | 108.6 | 108.9 | 109.4 | 110.2 | 110.6 | 110.9 | 111.0 | . . . |
| Six years (M.A.+30) . . . . . . . | 122.6 | 123.8 | 121.2 | 119.8 | 119.6 | 119.3 | 120.4 | 120.2 | 120.7 | 120.4 | . . . |
| Doctor's degree[c] . . . . . . . . . . | 125.1 | 125.4 | 121.6 | 123.0 | 123.4 | 124.6 | 125.8 | 126.4 | 127.2 | 126.7 | . . . |
| Maximum | | | | | | | | | | | |
| Bachelor's degree . . . . . . . . . . | 148.4 | 147.8 | 147.4 | 147.5 | 147.6 | 147.3 | 146.3 | 145.4 | 146.2 | 145.9 | . . . |
| Master's degree . . . . . . . . . . . | 162.9 | 164.0 | 164.1 | 165.8 | 166.8 | 167.5 | 168.0 | 167.9 | 169.8 | 169.6 | . . . |
| Six years (M.A.+30) . . . . . . . | 190.2 | 189.5 | 190.7 | 190.6 | 190.7 | 188.3 | 189.7 | 188.0 | 189.4 | 188.5 | . . . |
| Doctor's degree . . . . . . . . . . . | 189.3 | 188.5 | 189.4 | 191.9 | 193.2 | 194.7 | 195.3 | 195.1 | 196.5 | 195.5 | . . . |

[a] Not all systems report all preparation salary classes.

[b] If master's degree is not recognized, 5-year preparation level is used in tabulation of salary data.

[c] For earned doctor's degree or seven years of preparation.

TABLE 30.–COMPARISON OF MEAN SCHEDULED SALARIES FOR TEACHERS, 1962-63 THROUGH 1971-72, BY ENROLLMENT STRATIFICATION (Reporting systems with enrollments of 6,000 or more)

| School year and enrollment | Number of reporting systems* | Mean scheduled salary | | | | | |
|---|---|---|---|---|---|---|---|
| | | Bachelor's degree | | Master's degree | | Six years (M.A. + 30) | Doctor's degree (or 7 years) |
| | | Minimum | Maximum | Minimum | Maximum | Maximum | Maximum |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| STRATUM 1–ENROLLMENT 100,000 OR MORE | | | | | | | |
| 1962-63 | 19 | $4,701 | $ 7,183 | $5,057 | $ 7,800 | $ 8,556 | $ 8,542 |
| 1963-64 | 19 | 4,847 | 7,472 | 5,213 | 8,084 | 8,837 | 8,866 |
| 1964-65 | 21 | 4,897 | 7,742 | 5,254 | 8,344 | 9,340 | 9,211 |
| 1965-66 | 24 | 5,199 | 8,342 | 5,624 | 9,018 | 9,532 | 9,932 |
| 1966-67 | 24 | 5,362 | 8,575 | 5,848 | 9,355 | 9,973 | 10,426 |
| 1967-68 | 25 | 5,848 | 9,192 | 6,413 | 10,117 | 10,770 | 11,381 |
| 1968-69 | 25 | 6,297 | 9,862 | 6,900 | 10,891 | 11,793 | 12,342 |
| 1969-70 | 26 | 6,874 | 10,549 | 7,540 | 11,821 | 12,761 | 13,147 |
| 1970-71 | 27 | 7,237 | 11,252 | 7,936 | 12,687 | 13,551 | 14,021 |
| 1971-72 | 27 | 7,503 | 11,684 | 8,215 | 13,170 | 14,028 | 14,371 |
| STRATUM 2–ENROLLMENT 50,000-99,999 | | | | | | | |
| 1962-63 | 41 | 4,496 | 6,896 | 4,839 | 7,406 | 8,584 | 8,283 |
| 1963-64 | 46 | 4,586 | 6,997 | 4,934 | 7,555 | 8,603 | 8,490 |
| 1964-65 | 48 | 4,730 | 7,207 | 5,080 | 7,840 | 8,581 | 8,759 |
| 1965-66 | 47 | 4,964 | 7,450 | 5,346 | 8,209 | 8,817 | 9,077 |
| 1966-67 | 49 | 5,268 | 7,971 | 5,712 | 8,892 | 9,852 | 9,975 |
| 1967-68 | 53 | 5,573 | 8,325 | 6,069 | 9,341 | 10,230 | 10,477 |
| 1968-69 | 54 | 5,940 | 8,843 | 6,482 | 9,924 | 10,869 | 11,358 |
| 1969-70 | 52 | 6,363 | 9,398 | 6,972 | 10,676 | 11,642 | 12,037 |
| 1970-71 | 53 | 6,821 | 10,073 | 7,506 | 11,543 | 12,541 | 13,209 |
| 1971-72 | 54 | 6,957 | 10,244 | 7,649 | 11,734 | 12,830 | 13,327 |

|  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|
| STRATUM 3–ENROLLMENT<br>25,000-49,999 |  |  |  |  |  |  |  |
| 1962-63 | 67 | 4,362 | 6,479 | 4,683 | 7,088 | 8,019 | 8,041 |
| 1963-64 | 71 | 4,569 | 6,824 | 4,925 | 7,522 | 8,467 | 8,520 |
| 1964-65 | 72 | 4,737 | 7,112 | 5,121 | 7,920 | 9,000 | 8,921 |
| 1965-66 | 79 | 4,986 | 7,436 | 5,388 | 8,366 | 9,344 | 9,573 |
| 1966-67 | 83 | 5,222 | 7,773 | 5,681 | 8,754 | 9,747 | 9,957 |
| 1967-68 | 90 | 5,617 | 8,292 | 6,139 | 9,417 | 10,494 | 10,840 |
| 1968-69 | 89 | 6,008 | 8,807 | 6,612 | 10,073 | 11,159 | 11,465 |
| 1969-70 | 93 | 6,408 | 9,263 | 7,064 | 10,651 | 11,814 | 12,084 |
| 1970-71 | 103 | 6,890 | 10,155 | 7,665 | 11,715 | 13,009 | 13,373 |
| 1971-72 | 99 | 7,116 | 10,424 | 7,939 | 12,131 | 13,388 | 13,743 |
| STRATUM 4–ENROLLMENT<br>12,000-24,999 |  |  |  |  |  |  |  |
| 1962-63 | 198 | $4,361 | $ 6,436 | $4,702 | $ 7,068 | $ 8,213 | $ 8,143 |
| 1963-64 | 242 | 4,594 | 6,764 | 4,974 | 7,480 | 8,708 | 8,460 |
| 1964-65 | 266 | 4,726 | 6,966 | 5,099 | 7,755 | 9,112 | 8,805 |
| 1965-66 | 300 | 4,909 | 7,183 | 5,330 | 8,076 | 9,516 | 9,313 |
| 1966-67 | 289 | 5,127 | 7,541 | 5,582 | 8,521 | 9,871 | 9,734 |
| 1967-68 | 303 | 5,538 | 8,113 | 6,065 | 9,233 | 10,493 | 10,666 |
| 1968-69 | 324 | 5,971 | 8,713 | 6,580 | 10,045 | 11,375 | 11,648 |
| 1969-70 | 307 | 6,420 | 9,313 | 7,132 | 10,853 | 12,237 | 12,633 |
| 1970-71 | 318 | 6,893 | 10,090 | 7,675 | 11,776 | 13,074 | 13,579 |
| 1971-72 | 316 | 7,120 | 10,383 | 7,911 | 12,150 | 13,482 | 13,994 |
| STRATUM 5–ENROLLMENT<br>6,000-11,999 |  |  |  |  |  |  |  |
| 1962-63 | 232 | 4,238 | 6,256 | 4,599 | 6,907 | 8,249 | 8,254 |
| 1963-64 | 540 | 4,537 | 6,678 | 4,928 | 7,458 | 8,648 | 8,690 |
| 1964-65 | 656 | 4,689 | 6,861 | 5,070 | 7,660 | 8,933 | 8,970 |
| 1965-66 | 621 | 4,911 | 7,222 | 5,344 | 8,148 | 9,361 | 9,523 |
| 1966-67 | 659 | 5,124 | 7,525 | 5,581 | 8,529 | 9,777 | 10,007 |
| 1967-68 | 609 | 5,483 | 8,060 | 6,001 | 9,187 | 10,335 | 10,772 |
| 1968-69 | 707 | 5,906 | 8,612 | 6,514 | 9,912 | 11,248 | 11,584 |
| 1969-70 | 664 | 6,344 | 9,204 | 7,010 | 10,624 | 11,914 | 12,446 |
| 1970-71 | 675 | 6,811 | 9,899 | 7,547 | 11,513 | 12,929 | 13,408 |
| 1971-72 | 683 | 7,017 | 10,192 | 7,787 | 11,840 | 13,214 | 13,741 |

*Not all systems recognize all preparation levels.

TABLE 31.—COMPARISON OF MEAN SCHEDULED SALARIES FOR TEACHERS, 1962-63 THROUGH 1971-72, BY ENROLLMENT STRATIFICATION (Reporting systems with enrollments of 6,000 or more)

| School year and enrollment | Number of reporting systems* | Mean scheduled salary | | | | | |
|---|---|---|---|---|---|---|---|
| | | Bachelor's degree | | Master's degree | | Six years (M.A. +30) | Doctor's degree (or 7 years) |
| | | Minimum | Maximum | Minimum | Maximum | Maximum | Maximum |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | INDEX: 1962-63 = 100.0 | | | | | |
| STRATUM 1 | | | | | | | |
| 1962-63 | 19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1963-64 | 19 | 103.1 | 104.0 | 103.1 | 103.6 | 103.3 | 103.8 |
| 1964-65 | 21 | 104.2 | 107.8 | 103.9 | 107.0 | 109.2 | 107.8 |
| 1965-66 | 24 | 110.6 | 116.1 | 111.2 | 115.6 | 111.4 | 116.3 |
| 1966-67 | 24 | 114.1 | 119.4 | 115.6 | 119.9 | 116.6 | 122.1 |
| 1967-68 | 25 | 124.4 | 128.0 | 126.8 | 129.7 | 125.9 | 133.2 |
| 1968-69 | 25 | 134.0 | 137.3 | 136.4 | 139.6 | 137.8 | 144.5 |
| 1969-70 | 26 | 146.2 | 146.9 | 149.1 | 151.6 | 149.1 | 153.9 |
| 1970-71 | 27 | 153.9 | 156.6 | 156.9 | 162.7 | 158.4 | 164.1 |
| 1971-72 | 27 | 159.6 | 162.7 | 162.4 | 168.8 | 166.1 | 168.2 |
| STRATUM 2 | | | | | | | |
| 1962-63 | 41 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1963-64 | 46 | 102.0 | 101.5 | 102.0 | 102.0 | 100.2 | 102.5 |
| 1964-65 | 48 | 105.2 | 104.5 | 105.0 | 105.9 | 100.0 | 105.7 |
| 1965-66 | 47 | 110.4 | 108.0 | 110.5 | 110.8 | 102.7 | 109.6 |
| 1966-67 | 49 | 117.2 | 115.6 | 118.0 | 120.1 | 114.8 | 120.4 |
| 1967-68 | 53 | 124.0 | 120.7 | 125.4 | 126.1 | 119.2 | 126.5 |
| 1968-69 | 54 | 132.1 | 128.2 | 134.0 | 134.0 | 126.6 | 137.1 |
| 1969-70 | 52 | 141.5 | 136.3 | 144.1 | 144.2 | 135.6 | 145.3 |
| 1970-71 | 53 | 151.7 | 146.1 | 155.1 | 155.9 | 146.1 | 159.5 |
| 1971-72 | 54 | 154.7 | 148.5 | 158.1 | 158.4 | 149.5 | 160.9 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| STRATUM 3 | | | | | | | |
| 1962-63 | 67 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1963-64 | 71 | 104.7 | 105.3 | 105.2 | 106.1 | 105.6 | 106.0 |
| 1964-65 | 72 | 108.6 | 109.8 | 109.4 | 111.7 | 112.2 | 110.9 |
| 1965-66 | 79 | 114.3 | 114.8 | 115.1 | 118.0 | 116.5 | 119.1 |
| 1966-67 | 83 | 119.7 | 120.0 | 121.3 | 123.5 | 121.5 | 123.8 |
| 1967-68 | 90 | 128.8 | 128.0 | 131.1 | 132.9 | 130.9 | 134.8 |
| 1968-69 | 89 | 137.7 | 135.9 | 141.2 | 142.1 | 139.2 | 142.6 |
| 1969-70 | 93 | 146.9 | 143.0 | 150.8 | 150.3 | 147.3 | 150.3 |
| 1970-71 | 103 | 158.0 | 156.7 | 163.7 | 165.3 | 162.2 | 166.3 |
| 1971-72 | 99 | 163.1 | 160.9 | 169.5 | 171.1 | 167.0 | 170.9 |
| STRATUM 4 | | | | | | | |
| 1962-63 | 198 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1963-64 | 242 | 105.3 | 105.1 | 105.8 | 105.8 | 106.0 | 103.9 |
| 1964-65 | 266 | 108.4 | 108.2 | 108.4 | 109.7 | 110.9 | 108.1 |
| 1965-66 | 300 | 112.6 | 111.6 | 113.4 | 114.3 | 115.9 | 114.4 |
| 1966-67 | 289 | 117.6 | 117.2 | 118.7 | 120.6 | 120.2 | 119.5 |
| 1967-68 | 303 | 127.0 | 126.1 | 129.0 | 130.6 | 127.8 | 131.0 |
| 1968-69 | 324 | 136.9 | 135.4 | 139.9 | 142.1 | 138.5 | 143.0 |
| 1969-70 | 307 | 147.2 | 144.7 | 151.7 | 153.6 | 149.0 | 155.1 |
| 1970-71 | 318 | 158.1 | 156.8 | 163.2 | 166.6 | 159.2 | 166.8 |
| 1971-72 | 316 | 163.3 | 161.3 | 168.2 | 171.9 | 164.2 | 171.9 |
| STRATUM 5 | | | | | | | |
| 1962-63 | 232 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1963-64 | 540 | 107.1 | 106.7 | 107.2 | 108.0 | 104.8 | 105.3 |
| 1964-65 | 656 | 110.6 | 109.7 | 110.2 | 110.9 | 108.3 | 108.7 |
| 1965-66 | 621 | 115.9 | 115.4 | 116.2 | 118.0 | 113.5 | 115.4 |
| 1966-67 | 659 | 120.9 | 120.3 | 121.4 | 123.5 | 118.5 | 121.2 |
| 1967-68 | 609 | 129.4 | 128.8 | 130.5 | 133.0 | 125.3 | 130.5 |
| 1968-69 | 707 | 139.4 | 137.7 | 141.6 | 143.5 | 136.4 | 140.3 |
| 1969-70 | 664 | 149.7 | 147.1 | 152.4 | 153.8 | 144.4 | 150.8 |
| 1970-71 | 675 | 160.7 | 158.2 | 164.1 | 166.7 | 156.7 | 162.4 |
| 1971-72 | 683 | 165.6 | 162.9 | 169.3 | 171.4 | 160.2 | 166.5 |

*Not all systems recognize all preparation levels.

## TABLE 32.–1971-72 MEAN AND MEDIAN SCHEDULED SALARIES FOR CLASSROOM TEACHERS, BY GEOGRAPHIC REGION[a]

Reporting Systems With Enrollments of 6,000 or More (Strata 1-5)

| Preparation level | New England | Mideast | Southeast | Great Lakes | Plains | Southwest | Rocky Mountain | Far West | Total, all Regions |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| NUMBER OF SYSTEMS REPORTING | 67 | 184 | 335 | 182 | 84 | 87 | 43 | 197 | 1,179 |
| PERCENT OF TOTAL | 5.7 | 15.6 | 28.4 | 15.4 | 7.1 | 7.4 | 3.6 | 16.7 | 99.9 |
| BACHELOR'S DEGREE MINIMUM | | | | | | | | | |
| Mean | $ 7,431 | $ 7,723 | $ 6,482 | $ 7,463 | $ 7,102 | $ 6,638 | $ 6,577 | $ 7,205 | $ 7,061 |
| Median | 7,400 | 7,630 | 6,400 | 7,450 | 7,138 | 6,650 | 6,650 | 7,200 | 7,005 |
| Range: | | | | | | | | | |
| Low | 6,400 | 6,500 | 5,484 | 5,625 | 6,100 | 6,000 | 5,800 | 6,000 | 5,484 |
| High | 8,575 | 9,400 | 7,575 | 9,333 | 7,825 | 7,500 | 7,288 | 10,500 | 10,500 |
| MASTER'S DEGREE MAXIMUM | | | | | | | | | |
| Mean | 12,744 | 13,975 | 9,691 | 13,468 | 12,922 | 10,480 | 11,540 | 12,681 | 11,973 |
| Median | 12,600 | 13,700 | 9,611 | 13,401 | 12,666 | 10,380 | 11,458 | 12,695 | 12,078 |
| Range: | | | | | | | | | |
| Low | 10,500 | 10,800 | 6,800 | 9,205 | 8,900 | 8,000 | 8,969 | 9,306 | 6,800 |
| High | 15,850 | 17,754 | 16,400 | 16,599 | 15,980 | 13,790 | 14,000 | 16,905 | 17,754 |
| MAXIMUM SCHEDULED SALARY FOR HIGHEST PREPARATION LEVEL RECOGNIZED | | | | | | | | | |
| Mean | 14,084 | 15,472 | 10,673 | 14,635 | 14,448 | 11,149 | 13,034 | 14,618 | 13,277 |
| Median | 13,650 | 15,116 | 10,721 | 14,467 | 14,345 | 10,810 | 13,124 | 14,586 | 13,428 |
| Range: | | | | | | | | | |
| Low | 11,650 | 11,700 | 6,800 | 9,205 | 9,100 | 8,000 | 9,085 | 10,180 | 6,800 |
| High | 18,239 | 20,950 | 18,196 | 19,600 | 18,772 | 15,594 | 17,195 | 21,000 | 21,000 |
| INDEX–MEAN SCHEDULED SALARY FOR ALL REGIONS EQUALS 100.0 | | | | | | | | | |
| Bachelor's degree minimum | 105.24 | 109.28 | 91.80 | 105.69 | 100.58 | 94.01 | 93.15 | 102.04 | 100.00 |
| Master's degree maximum | 106.44 | 116.72 | 80.94 | 112.49 | 107.93 | 87.53 | 96.38 | 105.91 | 100.00 |
| Maximum for highest preparation level recognized | 106.08 | 116.53 | 80.39 | 110.23 | 108.82 | 83.97 | 98.17 | 110.10 | 100.00 |

[a] For regional grouping of the states see Table 20.

## TABLE 33.–MEAN MINIMUM SCHEDULED SALARIES FOR TEACHERS WITH A BACHELOR'S DEGREE, BY REGION, 1965-66 TO 1971-72

(Reporting Systems with Enrollments of 6,000 or More)

| School year | New England | Mid-east | South-east | Great Lakes | Plains | South-west | Rocky Mountain | Far West | Total, all regions |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1965-66 ................ | $5,119 | $5,222 | $4,280 | $5,135 | $4,991 | $4,740 | $4,887 | $5,438 | $4,923 |
| 1966-67 ................ | 5,329 | 5,423 | 4,609 | 5,355 | 5,151 | 4,860 | 5,023 | 5,645 | 5,145 |
| 1967-68 ................ | 5,680 | 5,756 | 5,034 | 5,759 | 5,549 | 5,329 | 5,250 | 5,953 | 5,523 |
| 1968-69 ................ | 6,117 | 6,285 | 5,411 | 6,287 | 6,058 | 5,506 | 5,580 | 6,321 | 5,941 |
| 1969-70 ................ | 6,633 | 6,779 | 5,817 | 6,753 | 6,478 | 6,030 | 5,951 | 6,720 | 6,233 |
| 1970-71 ................ | 7,182 | 7,307 | 6,210 | 7,262 | 6,924 | 6,532 | 6,328 | 7,062 | 6,850 |
| 1971-72 ................ | 7,431 | 7,723 | 6,482 | 7,463 | 7,102 | 6,638 | 6,577 | 7,205 | 7,061 |
| Percent increase, 1971-72 over 1970-71 ... | 3.5 | 5.7 | 4.4 | 2.8 | 2.6 | 1.6 | 3.9 | 2.0 | 3.1 |
| | | | | INDEX: 1965-66 = 100.0 | | | | | |
| 1965-66 ................ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1966-67 ................ | 104.1 | 103.8 | 107.7 | 104.3 | 103.2 | 102.5 | 102.8 | 103.8 | 104.5 |
| 1967-68 ................ | 111.0 | 110.2 | 117.6 | 112.2 | 111.2 | 112.4 | 107.4 | 109.5 | 112.2 |
| 1968-69 ................ | 119.5 | 120.4 | 126.4 | 122.4 | 121.4 | 116.2 | 114.2 | 116.2 | 120.7 |
| 1969-70 ................ | 129.6 | 129.8 | 135.9 | 131.5 | 129.8 | 127.2 | 121.8 | 123.6 | 129.7 |
| 1970-71 ................ | 140.3 | 139.9 | 145.1 | 141.4 | 138.7 | 137.8 | 129.5 | 129.9 | 139.1 |
| 1971-72 ................ | 145.2 | 147.9 | 151.4 | 145.3 | 142.3 | 140.0 | 134.6 | 132.5 | 143.4 |

### TABLE 34.—MEAN MAXIMUM SCHEDULED SALARIES FOR TEACHERS AND FOR SUPERVISORY AND ADMINISTRATIVE PERSONNEL, 1963-64 TO 1971-72, LARGE SCHOOL SYSTEMS

(Reporting Systems with Enrollments of 25,000 or More)

| Position | School year | | | | | | | | | Percent change, 1971-72 over 1970-71 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1963-64 | 1964-65 | 1965-66 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| TEACHERS[a] | $ 8,213 | $ 8,611 | $ 9,025 | $ 9,788 | $10,530 | $11,254 | $12,274 | $13,317 | $13,650 | 2.5 |
| SUPERVISING PERSONNEL ASSIGNED TO INDIVIDUAL BUILDINGS | | | | | | | | | | |
| Supervising principals | | | | | | | | | | |
| Elementary | 11,345 | 11,732 | 12,499 | 13,295 | 14,378 | 15,428 | 16,657 | 18,113 | 18,656 | 3.0 |
| Junior high | 11,981 | 12,301 | 13,115 | 14,058 | 15,120 | 16,289 | 17,521 | 19,195 | 19,771 | 3.0 |
| Senior high | 12,682 | 13,236 | 14,062 | 14,973 | 16,188 | 17,408 | 18,735 | 20,462 | 21,089 | 3.1 |
| Assistant principals | | | | | | | | | | |
| Elementary | 10,129 | 10,649 | 11,316 | 12,027 | 12,825 | 13,596 | 14,742 | 16,274 | 16,742 | 2.9 |
| Junior high | 10,419 | 10,820 | 11,460 | 12,120 | 13,207 | 14,128 | 14,988 | 16,664 | 17,087 | 2.5 |
| Senior high | 10,770 | 11,298 | 11,889 | 12,656 | 13,776 | 14,766 | 15,806 | 17,400 | 17,794 | 2.3 |
| Counselors | 9,183 | 9,421 | 10,314 | 10,960 | 11,844 | 12,525 | 13,484 | 14,584 | 15,263 | 4.7 |
| Deans | 10,061 | 10,278 | 11,170 | 11,764 | 12,911 | 14,009 | 14,596 | 15,450 | 16,236 | 5.1 |
| CENTRAL-OFFICE ADMINISTRATORS | | | | | | | | | | |
| Supervisors | 12,286 | 11,756 | 12,469 | 13,572 | 14,492 | 15,716 | 16,684 | 18,152 | 18,835 | 3.8 |
| Consultants and/or coordinators | 10,924 | 11,774 | 12,227 | 13,938 | 15,094 | 16,140 | 17,523 | 18,947 | 19,340 | 2.1 |
| Directors | 13,520 | 14,184 | 14,853 | 16,011 | 17,061 | 18,252 | 19,581 | 21,393 | 21,990 | 2.8 |
| Assistant superintendents | 16,669 | 17,675 | 18,415 | 19,246 | 20,466 | 21,746 | 22,929 | 24,613 | 25,674 | 4.3 |
| Superintendents[b] | 22,522 | 23,538 | 24,909 | 26,017 | 27,360 | 28,772 | 30,398 | 32,511 | 34,050 | 4.7 |

(MEAN MAXIMUM SALARY FOR CLASSROOM TEACHERS = 100.0)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TEACHERS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | ... |
| SUPERVISING PERSONNEL ASSIGNED TO INDIVIDUAL BUILDINGS | | | | | | | | | | |
| Supervising principals | | | | | | | | | | |
| Elementary | 138.1 | 136.2 | 138.5 | 135.8 | 136.5 | 137.1 | 135.7 | 136.0 | 136.7 | ... |
| Junior high | 145.9 | 142.9 | 145.3 | 143.6 | 143.6 | 144.7 | 142.7 | 144.1 | 144.8 | ... |
| Senior high | 154.4 | 153.7 | 155.8 | 153.0 | 153.7 | 154.7 | 152.6 | 153.7 | 154.5 | ... |
| Assistant principals | | | | | | | | | | |
| Elementary | 123.3 | 123.7 | 125.4 | 122.9 | 121.8 | 120.8 | 120.1 | 122.2 | 122.7 | ... |
| Junior high | 126.9 | 125.7 | 127.0 | 123.8 | 125.4 | 125.5 | 122.1 | 125.1 | 125.2 | ... |
| Senior high | 131.1 | 131.2 | 131.7 | 129.3 | 130.8 | 131.2 | 128.8 | 130.7 | 130.4 | ... |
| Counselors | 111.8 | 109.4 | 114.3 | 112.0 | 112.5 | 111.3 | 109.9 | 109.5 | 111.8 | ... |
| Deans | 122.5 | 119.4 | 123.8 | 120.2 | 122.6 | 124.5 | 118.9 | 116.0 | 118.9 | ... |
| CENTRAL-OFFICE ADMINISTRATORS | | | | | | | | | | |
| Supervisors | 149.6 | 136.5 | 138.2 | 138.7 | 137.6 | 139.6 | 135.9 | 136.3 | 138.0 | ... |
| Consultants and/or coordinators | 133.0 | 136.7 | 135.5 | 142.4 | 143.3 | 143.4 | 142.8 | 142.3 | 141.7 | ... |
| Directors | 164.6 | 164.7 | 164.6 | 163.6 | 162.0 | 162.2 | 159.5 | 160.6 | 161.1 | ... |
| Assistant superintendents | 203.0 | 205.3 | 204.0 | 196.6 | 194.4 | 193.2 | 186.8 | 184.8 | 188.1 | ... |
| Superintendents | 274.2 | 273.3 | 276.0 | 265.8 | 259.8 | 255.7 | 247.7 | 244.1 | 149.5 | ... |

[a] Maximum for highest preparation level recognized.

[b] Contract salary.

TABLE 35.–MEAN SCHEDULED MINIMUM AND MAXIMUM SALARIES OF PUBLIC AND NONPUBLIC DEGREE-GRANTING INSTITUTIONS, 1965-66 TO 1970-71

| Position | Scheduled minimum salaries | | | | | Percent increase, 1970-71 over 1965-66 | Scheduled maximum salaries | | | | | Percent change, 1970-71 over 1965-66 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1965-66 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | | 1965-66 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| INSTRUCTORS | | | | | | | | | | | | |
| Public | $5,975 | $ 6,621 | $ 6,871 | $ 7,397 | $ 7,854 | 31.4 | $ 8,090 | $ 9,248 | $ 9,579 | $10,407 | $11,154 | 37.9 |
| Nonpublic | 5,616 | 5,961 | 6,316 | 6,640 | 6,958 | 23.9 | 7,236 | 7,678 | 8,181 | 8,586 | 9,062 | 25.2 |
| ASSISTANT PROFESSORS | | | | | | | | | | | | |
| Public | 6,972 | 7,797 | 8,180 | 8,727 | 9,273 | 33.0 | 9,615 | 11,137 | 11,779 | 12,815 | 13,733 | 42.8 |
| Nonpublic | 6,603 | 7,003 | 7,406 | 7,794 | 8,184 | 23.9 | 8,610 | 9,252 | 9,953 | 10,520 | 11,092 | 28.8 |
| ASSOCIATE PROFESSORS | | | | | | | | | | | | |
| Public | 8,351 | 9,440 | 9,950 | 10,676 | 11,299 | 35.3 | 11,574 | 13,405 | 14,255 | 15,653 | 16,678 | 44.1 |
| Nonpublic | 7,721 | 8,267 | 8,787 | 9,230 | 9,658 | 25.1 | 10,212 | 10,973 | 11,825 | 12,439 | 13,089 | 28.2 |
| PROFESSORS | | | | | | | | | | | | |
| Public | 9,990 | 11,525 | 12,099 | 12,999 | 13,783 | 38.0 | 14,584 | 16,221 | 17,171 | 19,015 | 20,426 | 40.1 |
| Nonpublic | 9,137 | 9,856 | 10,487 | 11,051 | 11,465 | 25.5 | 12,640 | 13,491 | 14,497 | 15,365 | 16,036 | 26.9 |

SOURCE: National Education Association, Research Division. *Faculty Salary Schedules in Colleges and Universities, 1970-71*. Research Report 1971-R10. Washington, D.C.: the Association, 1971. 32 p.

## TABLE 36.–MEAN SCHEDULED MINIMUM AND MAXIMUM SALARIES, PUBLIC JUNIOR COLLEGES, 1965-66 THROUGH 1970-71

**(For schedules based on preparation level)**

| Preparation level, full-time teaching staff | School year | | | | | Percent change, 1970-71 over 1965-66 |
|---|---|---|---|---|---|---|
| | 1965-66 | 1967-68 | 1968-69 | 1969-70 | 1970071 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| BACHELOR'S DEGREE: | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | $ 5,492 | $ 6,096 | $ 6,395 | $ 7,0[illegible]5 | $ 7,377 | 34.3 |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 7,889 | 8,850 | 9,151 | 10,442 | 11,042 | 40.0 |
| MASTER'S DEGREE: | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 6,023 | 6,744 | 7,076 | 7,767 | 8,147 | 35.3 |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 8,971 | 10,031 | 10,484 | 11,568 | 12,284 | 36.9 |
| SIX YEARS (M.A.+30): | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 6,535 | 7,380 | 7,908 | 8,541 | 8,939 | 36.8 |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 9,795 | 11,142 | 11,892 | 12,764 | 13,531 | 38.1 |
| DOCTOR'S DEGREE: | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 7,246 | 8,380 | 8,800 | 9,674 | 10,198 | 40.7 |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 10,769 | 12,202 | 12,760 | 14,088 | 15,129 | 40.5 |
| | INDEX: B.A. MINIMUM = 100.0 | | | | | |
| BACHELOR'S DEGREE: | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 100.0 | 100.0 | 100.0 | 100.0 | 199,9 | . . . |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 143.6 | 145.2 | 143.1 | 147.6 | 149.7 | . . . |
| MASTER'S DEGREE: | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 109.7 | 110.6 | 110.6 | 109.8 | 110.4 | . . . |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 163.3 | 164.5 | 163.9 | 163.5 | 166.5 | . . . |
| SIX YEARS (M.A.+30): | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 119.0 | 121.1 | 123.7 | 120.7 | 121.2 | . . . |
| Maximum . . . . . . . . . . . . . . . . . . . . . . . . . . | 178.4 | 182.8 | 186.0 | 180.4 | 183.4 | . . . |
| DOCTOR'S DEGREE: | | | | | | |
| Minimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 131.9 | 137.5 | 137.6 | 136.7 | 138.2 | . . . |
| Masimum . . . . . . . . . . . . . . . . . . . . . . . . . . | 196.1 | 200.2 | 199.5 | 199.1 | 205.1 | . . . |

SOURCE: National Education Association, Research Division. *Faculty Salary Schedules in Community-Junior Colleges, 1970-71.* Research Report 1971-R9. Washington, D.C.: the Association, 1971. p. 16.

**TABLE 37.–MEAN SCHEDULED SALARIES FOR FULL-TIME TEACHING STAFF, PUBLIC JUNIOR COLLEGES, 1965-66 THROUGH 1969-70 (For schedules based on professorial rank)**

| Professorial rank, full-time teaching staff | School year | | | | | Percent change, 1970-71 over 1969-70 |
|---|---|---|---|---|---|---|
| | 1965-66 | 1967-78 | 1968-69 | 1969-70 | 1970-71 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| INSTRUCTOR: | | | | | | |
| Mean minimum scheduled salary ........ | $ 5,928 | $ 6,607 | $ 7,070 | $ 7,571 | $ 8,115 | 7.2 |
| Mean maximum scheduled salary ........ | 8,152 | 8,943 | 9,851 | 10,551 | 11,390 | 8.0 |
| ASSISTANT PROFESSOR: | | | | | | |
| Mean minimum scheduled salary ........ | 6,863 | 7,763 | 8,254 | 8,921 | 9,510 | 6.6 |
| Mean maximum scheduled salary ........ | 9,539 | 10,761 | 11,616 | 12,529 | 13,466 | 7.5 |
| ASSOCIATE PROFESSOR: | | | | | | |
| Mean minimum scheduled salary ........ | 7,939 | 9,016 | 9,663 | 10,531 | 11,262 | 6.9 |
| Mean maximum scheduled salary ........ | 10,954 | 12,440 | 13,644 | 14,771 | 15,805 | 7.0 |
| PROFESSOR: | | | | | | |
| Mean minimum scheduled salary ........ | 9,251 | 10,606 | 11,387 | 12,434 | 13,276 | 6.8 |
| Mean maximum scheduled salary ........ | 12,667 | 14,699 | 16,054 | 17,363 | 18,486 | 6.5 |

SOURCE: National Education Association, Research Division. *Faculty Salary Schedules in Community-Junior Colleges, 1970-71.* Research Report 1971-R9. Washington, D.C.: the Association, 1971. p. 19.

## III. SALARIES OF THE TEACHING PROFESSION COMPARED WITH OTHER OCCUPATIONS

COMPARISONS OF SALARIES of the instructional staffs of public elementary and secondary schools, junior colleges, and colleges and universities, with salaries of other groups of comparable workers are difficult to make. No governmental or private agency has published, over an extended period of years, continuing figures which are comparable with those available for the teaching profession. Continuing earnings series are available for production workers, employees in manufacturing, and the like, but there is no distinction made in them between professional and nonprofessional employees.

Another difficulty arises from the fact that no two professions are directly comparable in preparation required, responsibilities, and the like. It would be ideal, of course, to compare salaries of the teaching profession with earnings of other professional workers in general, rather than with any single profession. However, there is no generally agreed-upon list of the professions, and no available information on "professional earnings" as such.

Tables 38 through 77 provide available information on the comparative earnings of the teaching profession with other professions and occupational groups. The data in these tabulations are in terms of annual salaries.

### Mean and Median Annual Salaries Paid

Salaries of teachers and of other members of the instructional staff normally are quoted in terms of the school year, September through June. To make them readily comparable with January to December salaries of most other nonteaching groups for whom data are available, it is necessary to convert school salaries to a calendar-year basis. This is done by adding 8/12 of the salary for one school year, January through August, to 4/12 of the salary for the following school year, September through December.

Table 38 compares the average annual earnings of public-school teachers (on a calendar-year basis) with the average annual earnings of all persons working for wages and salaries in all industries, with employees in manufacturing, and with civilian employees in the federal government for the years 1950 through 1970.

Even though very few of the total employees in manufacturing could be classified as professional workers, it was not until 1967 that the mean salary of teachers exceeded that of employees in manufacturing. However, the average salary of teachers increased 73.9 percent from 1960 to 1970 while the average salary of all employees in manufacturing increased only 52.6 percent during the same period. Table 38 also presents these data converted to an index, with the annual earnings of teachers as the base of reference equal to 100.0.

Table 39 compares the annual earnings of teachers with nonsupervisory employees in selected nonagricultural industries for the years 1960 to 1970.

In 1959, the U.S. Bureau of Labor Statistics began a series of studies on salaries paid in certain professional, administrative, technical, and clerical occupations. Table 40 summarizes these data for selected years between 1961 and 1971, and shows an index relationship for these salaries with 1961 as the base year.

Tables 41 and 42 show annual salary data for engineers for recent years by field of employment, by region, and by years of experience since graduation.

Table 43 gives the median annual salaries of scientists by technical field biennially between 1960 and 1970, and an index using 1960 as the base year. Table 44 shows the median salaries of scientists in 1970 by sex and by technical field.

Average earnings of full-time employees of state and local governments are shown in Tables 45 to 49 by position and by state for recent years.

Table 50 shows the mean and median salaries paid employees of state departments of education in 1969-70. Table 51 gives the median salaries of selected positions in state education associations (affiliates of NEA) for the years 1964-65 through 1971-72.

The current U.S. Classified Civil Service schedule which became effective in January 1972 is shown in Table 52.

Table 53 gives *average* salaries of federal civil service employees for various years compared with the average salaries of teachers.

Tables 54 and 55 give mean salaries of engineering technicians and nonprofessional scientific personnel classified by type of position and by type of employment for the most recent years available.

### Annual Salaries Paid, By Sex of Worker

In Tables 56 through 61 annual salary data for various full-time workers are shown on the basis of sex of the worker. Table 56 shows median annual earnings from 1960 through 1970 of male full-time workers 14 years of age and over; Table 57 presents the same information for female workers. This series is published annually by the U.S. Bureau of the Census in its Consumer Income Series and includes major professional and nonprofessional occupation groups.

Median earnings of year-round workers are shown in Table 58, classified by sex of worker for metropolitan and non-metropolitan areas for 1959 and 1969.

Median annual earnings of women workers as a percent of median earnings of male workers for selected occupational groups are shown in Table 59 for the years

1960 through 1970. In spite of the rapid increase in the total number of women workers in the labor force in the last decade, there has been little change in the ratio of their earnings to those of men workers.

Table 60 shows total money income of year-round full-time workers in 1970 by sex and years of school completed.

Mean annual salaries of professional scientific and technical personnel in the federal government are shown in Table 61 for total employees by occupational group and for men and women employees separately for 1967, 1968, and 1969. In the latter year, mean salaries of men scientists and engineers were 21.6 percent higher than mean salaries for women in this category. For the positions shown in the tabulation, the mean salaries of men exceeded those of women in every case, ranging from 0.6 percent to 65.5 percent higher.

Tables 62 and 63 show the average salaries paid librarians by type of library and highest degree held.

### Beginning Salaries

Tables 64 through 77 contain information on starting salaries paid college graduates in various occupational groups and for various levels of degrees conferred, and starting salaries for policemen and firemen in urban areas.

Frank S. Endicott, Director of Placement at Northwestern University, annually surveys the employment of college and university male graduates by business companies which have campus recruitment programs. He reports on salaries offered in November to men who will graduate the following June with bachelor's and master's degrees, and then the following year revises the data based on offers to show salaries that were finally actually paid.

Endicott also compiles starting salaries for women graduates with bachelor's degrees. He points out, however, that most of the companies reporting on the employment of women graduates do not have campus recruitment programs, but hire women by direct application. Tables 64 through 67 present trend data from the Endicott surveys.

The average starting salary of teachers compared with starting salaries for men and women college graduates in other occupations are shown in Table 64 for recent years. The index relationship between the starting salary for teachers and that for other occupations is also included.

The College Placement Council of Bethlehem, Pennsylvania, publishes data on average beginning salaries offered men and women graduates with bachelor's and master's degrees, and to a limited extent, on salaries offered graduates with doctor's degrees. The information is collected from college placement officers. Tables 68 through 71 summarize available information from the College Placement Bureau. These tables, like those from the Endicott studies, are self-explanatory.

Median annual starting salaries for inexperienced graduates in chemistry and chemical engineering are shown in Table 72. At the bachelor's degree level, salaries are shown separately for men and women graduates in chemistry, but not for the master's and doctor's degrees.

Beginning salaries for teachers with a bachelor's degree in private independent schools are shown in Table 73 for selected years since 1964-65 together with the range of starting salaries for respondents in 1971.72.

Minimum salaries (Step 1) of federal classified employees are shown in Table 74 for 1962 through January 1972. An index relationship to 1962 is also given. Table 75 compares increases in beginning salaries for federal civilian employees with those of teachers between 1965 and 1972.

Table 76 shows average minimum and maximum salaries for policemen and firemen, compared with minimum and maximum salaries paid teachers from 1966 to 1971 in cities with a population of 100,000 or more.

Table 77 shows a percent distribution of minimum salaries paid policemen and firemen in 1971 by size of city and by region.

## TABLE 38.–AVERAGE ANNUAL EARNINGS OF PUBLIC-SCHOOL TEACHERS AND CERTAIN OTHER OCCUPATIONAL GROUPS, 1950-1970

Calendar Year Basis

| Calendar year | Average annual earnings | | | | Index (Teachers=100.0) | | | |
|---|---|---|---|---|---|---|---|---|
| | Public-school teachers | Wage and salary workers–all industries | Employees in manufacturing | Civilian employees of federal government | Public-school teachers | Wage and salary workers–all industries | Employees in manufacturing | Civilian employees of federal government |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1950 ........ | $2,823 | $3,008 | $3,300 | $3,503 | 100.0 | 106.6 | 116.9 | 124.1 |
| 1951 ........ | 3,123 | 3,231 | 3,606 | 3,777 | 100.0 | 103.5 | 115.5 | 120.9 |
| 1952 ........ | 3,357 | 3,414 | 3,828 | 4,034 | 100.0 | 101.7 | 114.0 | 120.2 |
| 1953 ........ | 3,519 | 3,587 | 4,049 | 4,226 | 100.0 | 101.9 | 115.1 | 120.1 |
| 1954 ........ | 3,746 | 3,670 | 4,116 | 4,320 | 100.0 | 98.0 | 109.9 | 115.3 |
| 1955 ........ | 3,907 | 3,847 | 4,351 | 4,595 | 100.0 | 98.5 | 111.4 | 117.6 |
| 1956 ........ | 4,116 | 4,036 | 4,584 | 4,808 | 100.0 | 98.1 | 111.4 | 116.8 |
| 1957 ........ | 4,350 | 4,205 | 4,781 | 4,971 | 100.0 | 96.7 | 109.9 | 114.3 |
| 1958 ........ | 4,646 | 4,346 | 4,939 | 5,514 | 100.0 | 93.5 | 106.3 | 118.7 |
| 1959 ........ | 4,863 | 4,558 | 5,215 | 5,682 | 100.0 | 93.7 | 107.2 | 116.8 |
| 1960 ........ | 5,088 | 4,707 | 5,342 | 5,946 | 100.0 | 92.5 | 105.0 | 116.9 |
| 1961 ........ | 5,355 | 4,843 | 5,509 | 6,285 | 100.0 | 90.4 | 102.9 | 117.4 |
| 1962 ........ | 5,587 | 5,065 | 5,730 | 6,450 | 100.0 | 90.7 | 102.6 | 115.4 |
| 1963 ........ | 5,820 | 5,243 | 5,920 | 6,792 | 100.0 | 90.1 | 101.7 | 116.7 |
| 1964 ........ | 6,062 | 5,503 | 6,196 | 7,267 | 100.0 | 90.8 | 102.2 | 119.9 |
| 1965 ........ | 6,292 | 5,710 | 6,389 | 7,614 | 100.0 | 90.8 | 101.5 | 121.0 |
| 1966 ........ | 6,600 | 5,967 | 6,643 | 7,841 | 100.0 | 90.4 | 100.7 | 118.8 |
| 1967 ........ | 7,028 | 6,230 | 6,880 | 7,985 | 100.0 | 88.6 | 97.9 | 113.6 |
| 1968 ........ | 7,599 | 6,657 | 7,347 | 8,746 | 100.0 | 87.6 | 95.0 | 115.4 |
| 1969 ........ | 8,180 | 7095 | 7,775 | 9,442 | 100.0 | 86.7 | 95.0 | 115.5 |
| 1970 ........ | 8,846 | 7,564 | 8,150 | 10,597 | 100.0 | 85.5 | 92.1 | 119.8 |

SOURCES: Column 2 calculated on calendar-year basis by NEA Research Division. Columns 3, 4, and 5 from U.S. Department of Commerce, Bureau of Economic Analysis. Figures for 1950 through 1955 from *U.S. Income and Output*, a supplement to the *Survey of Current Business, 1959*, Table VI–15, p. 213. Figures for 1956 through 1969 from *Survey of Current Business*, various issues.

Indexes in columns 6 through 9 computed by the NEA Research Division.

NOTE: It was not until 1967 that average earnings of teachers passed earnings of employees in manufacturing most of whom are nonprofessional workers. Civilian employees of the federal government have had higher aveerage earnings than teachers for at least since 1950.

TABLE 39.–AVERAGE ANNUAL EARNINGS OF PUBLIC-SCHOOL TEACHERS AND NONSUPERVISORY EMPLOYEES IN SELECTED INDUSTRIES, 1960-1970

(Calendar Years)

| Industry | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | Percent change, 1970 over 1969 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Teachers (calendar years) | $5,088 | $5,355 | $5,587 | $5,820 | $ 6,062 | $ 6,292 | $ 6,600 | $ 7,028 | $ 7,599 | $ 8,180 | $ 8,846 | 8.1 |
| All industries, total | 4,707 | 4,843 | 5,065 | 5,243 | 5,499 | 5,705 | 5,974 | 6,231 | 6,657 | 7,095 | 7,564 | 6.6 |
| Agriculture, forestry, and fisheries | 1,738 | 1,776 | 1,728 | 1,771 | 1,893 | 2,030 | 2,260 | 2,434 | 2,633 | 2,848 | 3,063 | 7.5 |
| Mining | 5,685 | 5,835 | 6,017 | 6,240 | 6,521 | 6,783 | 7,134 | 7,556 | 7,964 | 8,619 | 9,262 | 7.5 |
| Contract construction | 5,488 | 5,660 | 5,846 | 6,018 | 6,332 | 6,593 | 7,033 | 7,417 | 7,953 | 8,615 | 9,293 | 7.9 |
| Manufacturing–total | 5,342 | 5,509 | 5,730 | 5,920 | 6,196 | 6,386 | 6,643 | 6,880 | 7,347 | 7,775 | 8,150 | 4.8 |
| Nondurable goods–total | ... | ... | 5,137 | 5,284 | 5,526 | 5,689 | 5,920 | 6,180 | 6,586 | 6,984 | 7,380 | 5.7 |
| Printing and publishing | 5,610 | 5,770 | 5,909 | 6,076 | 6,317 | 6,497 | 6,767 | 6,993 | 7,362 | 7,843 | 8,264 | 5.4 |
| Chemicals and allied products | 6,321 | 6,544 | 6,852 | 7,065 | 7,361 | 7,553 | 7,849 | 8,136 | 8,600 | 9,147 | 9,728 | 6.4 |
| Petroleum refining and related industries | ... | ... | 7,490 | 7,812 | 7,984 | 8,266 | 8,598 | 8,967 | 9,468 | 10,189 | 10,737 | 5.4 |
| Durable goods–total | ... | ... | 6,191 | 6,407 | 6,703 | 6,898 | 7,149 | 7,369 | 7,881 | 8,326 | 8,709 | 4.6 |
| Primary metal products | 6,341 | 6,551 | 6,824 | 7,008 | 7,317 | 7,556 | 7,833 | 7,873 | 8,464 | 9,000 | 9,212 | 2.4 |
| Machinery, except electrial | 6,025 | 6,194 | 6,515 | 6,703 | 7,069 | 7,280 | 7,635 | 7,830 | 8,304 | 8,879 | 9,271 | 4.4 |
| Transportation equipment[a] | 6,625 | 6,974 | 7,204 | 7,521 | 7,831 | 8,045 | 8,303 | 8,477 | 8,861 | 9,405 | 9,964 | 5.9 |
| Motor vehicles and equipment | 6,558 | 6,507 | 7,144 | 7,528 | 7,866 | 8,152 | 8,328 | 8,475 | 9,595 | 9,747 | 9,962 | 2.2 |
| Transportation | 5,928 | 6,085 | 6,638 | 6,852 | 7,161 | 7,473 | 7,785 | 8,129 | 8,676 | 9,318 | 9,928 | 6.5 |
| Communication | 5,642 | 5,886 | 5,895 | 6,128 | 6,435 | 6,618 | 6,864 | 7,041 | 7,500 | 7,984 | 8,401 | 5.2 |
| Finance, insurance and real estate | 4,840 | 5,035 | 5,410 | 5,595 | 5,851 | 6,070 | 6,347 | 6,717 | 7,235 | 7,680 | 8,026 | 4.5 |
| Banking | 4,689 | 4,826 | 5,053 | 5,207 | 5,400 | 5,608 | 5,784 | 6,044 | 6,406 | 6,818 | 7,250 | 6.3 |
| Security and commodity brokers | 8,358 | 9,607 | 9,355 | 9,758 | 10,549 | 11,548 | 12,807 | 14,698 | 16,122 | 15,098 | 14,343 | –5.0 |
| Government and government enterprises | 4,683 | 4,870 | 4,993 | 5,205 | 5,474 | 5,701 | 5,938 | 6,222 | 6,717 | 7,189 | 7,965 | 10.8 |
| Federal civilian | 5,946 | 6,285 | 6,450 | 6,792 | 7,267 | 7,614 | 7,841 | 7,985 | 8,746 | 9,442 | 10,597 | 12.2 |
| State and local | 4,827 | 4,952 | 5,017 | 5,180 | 5,370 | 5,592 | 5,906 | 6,324 | 6,796 | 7,231 | 7,818 | 8.1 |

INDEX: TEACHERS = 100.0

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Teachers | 100.0 | 105.2 | 109.8 | 114.4 | 119.1 | 123.7 | 129.7 | 138.1 | 149.4 | 160.8 | 173.8 | ... |
| All industries, total | 100.0 | 102.9 | 107.6 | 111.4 | 116.8 | 121.2 | 126.9 | 132.4 | 141.4 | 150.7 | 160.7 | ... |
| Agriculture, forestry, fisheries | 100.0 | 102.2 | 99.4 | 101.9 | 108.9 | 116.8 | 130.0 | 140.0 | 151.5 | 163.9 | 176.2 | ... |
| Mining | 100.0 | 102.6 | 105.8 | 109.8 | 114.7 | 119.3 | 125.5 | 132.9 | 140.1 | 151.6 | 162.9 | ... |
| Contract construction | 100.0 | 103.1 | 106.5 | 109.7 | 115.4 | 120.1 | 128.2 | 135.1 | 144.9 | 157.0 | 169.3 | ... |
| Manufacturing–total | 100.0 | 103.1 | 107.3 | 110.8 | 116.0 | 119.5 | 124.4 | 128.8 | 137.5 | 145.5 | 152.6 | ... |
| Nondurable goods–total | ... | ... | 100.0 | 102.9 | 107.6 | 110.7 | 115.2 | 120.3 | 128.2 | 136.0 | 143.7 | ... |
| Printing and publishing | 100.0 | 102.9 | 105.3 | 108.3 | 112.6 | 115.8 | 120.6 | 124.7 | 131.2 | 139.8 | 147.3 | ... |
| Chemicals and allied products | 100.0 | 103.5 | 108.4 | 111.8 | 116.5 | 119.5 | 124.2 | 128.7 | 136.1 | 144.7 | 153.9 | ... |
| Petroleum refining and related industries | ... | ... | 100.0 | 104.3 | 106.6 | 110.4 | 114.8 | 119.7 | 12[illegible].4 | 136.0 | 143.4 | ... |
| Durable goods–total | ... | ... | 100.0 | 103.5 | 108.3 | 111.4 | 115.5 | 119.0 | 127.3 | 134.5 | 140.7 | ... |
| Primary metal products | 100.0 | 103.3 | 107.6 | 110.5 | 115.4 | 119.2 | 123.5 | 124.2 | 133.5 | 141.9 | 145.3 | ... |
| Machinery, except electrical | 100.0 | 102.8 | 108.1 | 111.3 | 117.3 | 120.8 | 126.7 | 130.0 | 137.8 | 147.4 | 153.9 | ... |
| Transportation equipment | 100.0 | 105.3 | 108.7 | 113.5 | 118.2 | 121.4 | 125.3 | 128.0 | 133.8 | 142.0 | 150.4 | ... |
| Motor vehicles and equipment | 100.0 | 99.2 | 108.9 | 114.8 | 119.9 | 124.3 | 127.0 | 129.2 | 146.3 | 148.6 | 151.9 | ... |
| Transportation | 100.0 | 102.6 | 112.0 | 115.6 | 120.8 | 126.1 | 131.3 | 137.1 | 146.4 | 157.2 | 167.5 | ... |
| Communication | 100.0 | 104.3 | 104.5 | 108.6 | 114.1 | 117.3 | 121.7 | 124.8 | 132.9 | 141.5 | 148.9 | ... |
| Finance, insurance and real estate | 100.0 | 104.0 | 111.8 | 115.6 | 120.9 | 125.4 | 131.1 | 138.8 | 149.5 | 158.7 | 165.8 | ... |
| Banking | 100.0 | 102.9 | 107.8 | 111.0 | 115.2 | 119.6 | 123.4 | 128.9 | 136.6 | 145.4 | 154.6 | ... |
| Security and commodity brokers | 100.0 | 114.9 | 111.9 | 116.8 | 126.2 | 138.2 | 153.2 | 175.9 | 192.9 | 180.6 | 171.6 | ... |
| Government and government enterprises | 100.0 | 104.0 | 106.6 | 111.1 | 116.9 | 121.7 | 126.8 | 132.9 | 143.4 | 153.5 | 170.1 | ... |
| Federal civilian | 100.0 | 105.7 | 108.5 | 114.2 | 122.2 | 128.1 | 131.9 | 134.3 | 147.1 | 158.8 | 178.2 | ... |
| State and local | 100.0 | 102.6 | 103.9 | 107.3 | 111.2 | 115.8 | 122.4 | 131.0 | 140.8 | 149.8 | 162.0 | ... |

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, various issues. Salaries for teachers from NEA Research Division.

[a]Except motor vehicles.

## TABLE 40.–MEAN ANNUAL SALARIES[a] FOR SELECTED PROFESSIONAL OCCUPATIONS IN PRIVATE INDUSTRY, 1961-1971

| Occupation and classification[b] | 1961 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| ACCOUNTANTS AND AUDITORS | | | | | | | | | |
| Chief accountants I | $ 9,564 | $10,296 | $10,740 | $10,800 | $11,768 | $12,289[f] | $13,212 | $13,917 | $14,449 |
| Chief accountants II | ... | 12,576 | 12,588 | 12,288 | 13,036 | 14,135 | 14,637 | 15,647 | 17,191 |
| Chief accountants III | ... | 14,124 | 14,604 | 15,144 | 15,883 | 16,577 | 17,714 | 18,780 | 20,897 |
| Chief accountants IV[c] | 15,012 | 15,948 | 17,028 | 17,676 | 18,896 | 19,046 | 20,586 | 23,133 | 24,597 |
| Accountants I | 5,736 | 6,240 | 6,312 | 6,576 | 6,990 | 7,451 | 8,002 | 8,503 | 8,975 |
| Accountants II | 6,324 | 6,840 | 7,044 | 7,308 | 7,820 | 8,277 | 9,013 | 9,609 | 10,213 |
| Accountants III | 7,200 | 7,908 | 8,124 | 8,328 | 8,879 | 9,367 | 10,029 | 10,686 | 11,383 |
| Accountants IV | 8,724 | 9,504 | 9,792 | 10,116 | 10,660 | 11,237 | 11,967 | 12,755 | 13,654 |
| Accountants V | 10,548 | 11,568 | 11,940 | 12,336 | 12,795 | 13,531 | 14,373 | 15,477 | 16,626 |
| Auditors I | 5,196 | 5,832 | 6,204 | 6,408 | 7,190 | 7,645 | 8,367 | 8,894 | 9,401 |
| Auditors II | 6,468 | 7,188 | 7,440 | 7,740 | 8,354 | 8,707 | 9,287 | 9,955 | 10,643 |
| Auditors III | 7,728 | 8,520 | 8,748 | 8,904 | 9,449 | 9,977 | 10,726 | 11,475 | 12,227 |
| Auditors IV | 9,480 | 10,284 | 10,728 | 11,196 | 11,633 | 12,303 | 13,125 | 14,044 | 15,136 |
| ATTORNEYS[d] | | | | | | | | | |
| Attorneys I | 6,372 | 7,248 | 7,368 | 7,668 | [e] | 9,338 | 11,020 | 11,859 | [e] |
| Attorneys II | 8,136 | 8,532 | 8,940 | 9,120 | 9,622 | 10,293 | 12,780 | 13,585 | 14,345 |
| Attorneys III | 9,804 | 10,464 | 10,512 | 10,980 | 11,843 | 12,602 | 15,879 | 16,884 | 17,509 |
| Attorneys IV | 11,604 | 12,816 | 13,644 | 14,052 | 14,419 | 15,283 | 19,163 | 20,304 | 22,178 |
| Attorneys V | 14,664 | 16,032 | 16,500 | 16,728 | 17,206 | 17,936 | 23,685 | 25,391 | 26,277 |
| Attorneys VI | 15,336 | 18,420 | 20,040 | 20,748 | 21,415 | 22,152 | 29,421 | 33,032 | 33,375 |
| CHEMISTS | | | | | | | | | |
| Chemists I | 5,772 | 6,456 | 6,612 | 7,104 | 7,590 | 8,061 | 8,736 | 9,164 | 9,688 |
| Chemists II | 6,684 | 7,320 | 7,584 | 7,884 | 8,482 | 8,931 | 9,626 | 10,233 | 10,776 |
| Chemists III | 7,716 | 8,604 | 8,808 | 9,108 | 9,719 | 10,187 | 11,063 | 11,737 | 12,459 |
| Chemists IV | 9,504 | 10,632 | 10,980 | 11,448 | 12,044 | 12,751 | 13,359 | 14,218 | 15,036 |
| Chemists V | 11,424 | 12,744 | 13,068 | 13,740 | 14,405 | 15,263 | 16,080 | 17,066 | 17,928 |
| Chemists VI | 13,356 | 14,748 | 15,168 | 15,936 | 16,575 | 17,324 | 18,529 | 19,700 | 20,514 |
| Chemists VII | 15,456 | 17,328 | 17,928 | 18,900 | 20,110 | 20,561 | 22,473 | 22,937 | 24,520 |
| Chemists VIII[f] | 18,276 | 21,084 | 22,212 | 23,304 | 24,676 | 25,416 | 27,092 | 27,731 | 29,714 |
| ENGINEERS | | | | | | | | | |
| Engineers I | 6,576 | 7,344 | 7,512 | 7,764 | 8,388 | 9,023 | 9,662 | 10,209 | 10,677 |
| Engineers II | 7,308 | 8,004 | 8,292 | 8,496 | 9,078 | 9,771 | 10,455 | 11,077 | 11,694 |
| Engineers III | 8,460 | 9,204 | 9,468 | 9,780 | 10,330 | 10,963 | 11,701 | 12,350 | 13,117 |
| Engineers IV | 9,984 | 11,016 | 11,376 | 11,784 | 12,424 | 13,095 | 13,893 | 14,695 | 15,535 |
| Engineers V | 11,520 | 12,924 | 13,272 | 13,788 | 14,523 | 15,223 | 16,107 | 17,004 | 17,979 |
| Engineers VI | 13,368 | 14,820 | 15,336 | 15,828 | 16,604 | 17,361 | 18,577 | 19,471 | 20,547 |
| Engineers VII | 16,476 | 17,652 | 18,012 | 18,672 | 19,332 | 20,216 | 21,199 | 22,328 | 23,508 |
| Engineers VIII[g] | 19,056 | 20,484 | 21,108 | 21,636 | 22,235 | 23,280 | 24,030 | 25,393 | 26,736 |

**TABLE 40.–MEAN ANNUAL SALARIES[a] FOR SELECTED PROFESSIONAL OCCUPATIONS IN PRIVATE INDUSTRY, 1961-1971 (Continued)**
**INDEX: 1961 = 100.0**

| Occupation and classification[b] 1 | 1961 2 | 1964 3 | 1965 4 | 1966 5 | 1967 6 | 1968 7 | 1969 8 | 1970 9 | 1971 10 |
|---|---|---|---|---|---|---|---|---|---|
| ACCOUNTANTS AND AUDITORS | | | | | | | | | |
| Chief accountants I | 100.0 | 107.7 | 112.3 | 112.9 | 123.0 | 128.5 | 138.1 | 145.5 | 151.1 |
| Chief accountants II | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chief accountants III | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chief accountants I | 100.0 | 106.2 | 113.4 | 117.7 | 125.9 | 126.9 | 137.1 | 154.1 | 163.8 |
| Accountants I | 100.0 | 108.8 | 110.0 | 114.6 | 121.9 | 129.9 | 139.5 | 148.2 | 156.5 |
| Accountants II | 100.0 | 108.2 | 111.4 | 115.6 | 123.7 | 130.9 | 142.5 | 151.9 | 161.5 |
| Accountants III | 100.0 | 109.8 | 112.8 | 115.7 | 123.3 | 130.1 | 139.3 | 148.4 | 158.1 |
| Accountants IV | 100.0 | 108.9 | 112.2 | 116.0 | 122.2 | 128.8 | 137.2 | 146.2 | 156.5 |
| Accountants V | 100.0 | 109.7 | 113.2 | 117.0 | 121.3 | 128.3 | 136.3 | 146.7 | 157.6 |
| Auditors I | 100.0 | 112.2 | 119.4 | 123.3 | 138.4 | 147.1 | 161.0 | 171.2 | 180.9 |
| Auditors II | 100.0 | 111.1 | 115.0 | 119.7 | 129.2 | 134.6 | 143.6 | 153.9 | 164.5 |
| Auditors III | 100.0 | 110.2 | 113.2 | 115.2 | 122.3 | 129.1 | 138.8 | 148.5 | 158.2 |
| Auditors IV | 100.0 | 108.5 | 113.2 | 118.1 | 122.7 | 129.8 | 138.4 | 148.1 | 159.7 |
| ATTORNEYS | | | | | | | | | |
| Attorneys I | 100.0 | 113.7 | 115.6 | 120.3 | e | 146.5 | 172.9 | 186.1 | e |
| Attorneys II | 100.0 | 104.9 | 109.9 | 112.1 | 118.3 | 126.5 | 157.1 | 167.0 | 176.3 |
| Attorneys III | 100.0 | 106.7 | 107.2 | 112.0 | 120.8 | 128.5 | 162.0 | 172.2 | 178.6 |
| Attorneys IV | 100.0 | 110.4 | 117.6 | 121.1 | 124.3 | 131.7 | 165.1 | 175.0 | 191.1 |
| Attorneys V | 100.0 | 109.3 | 112.5 | 114.1 | 117.3 | 122.3 | 161.5 | 173.2 | 179.2 |
| Attorneys VI | 100.0 | 120.1 | 130.7 | 135.3 | 139.6 | 144.4 | 191.8 | 215.4 | 217.6 |
| CHEMISTS | | | | | | | | | |
| Chemists I | 100.0 | 111.9 | 114.6 | 123.1 | 131.5 | 139.7 | 151.4 | 158.8 | 167.8 |
| Chemists II | 100.0 | 109.5 | 113.5 | 118.0 | 126.9 | 133.6 | 144.0 | 153.1 | 161.2 |
| Chemists III | 100.0 | 111.5 | 114.2 | 118.0 | 126.0 | 132.0 | 143.4 | 152.1 | 161.5 |
| Chemists IV | 100.0 | 111.9 | 115.5 | 120.5 | 126.7 | 134.2 | 140.6 | 149.6 | 158.2 |
| Chemists V | 100.0 | 111.6 | 114.4 | 120.3 | 126.1 | 133.6 | 140.8 | 149.4 | 156.9 |
| Chemists VI | 100.0 | 110.4 | 113.6 | 119.3 | 124.1 | 129.7 | 138.7 | 147.5 | 153.6 |
| Chemists VII | 100.0 | 112.1 | 116.0 | 122.3 | 130.1 | 133.0 | 145.4 | 148.4 | 158.6 |
| Chemists VIII | 100.0 | 115.4 | 121.5 | 127.5 | 135.0 | 139.1 | 148.2 | 151.7 | 162.6 |
| ENGINEERS | | | | | | | | | |
| Engineers I | 100.0 | 111.7 | 114.2 | 118.1 | 127.6 | 137.2 | 146.9 | 155.2 | 162.4 |
| Engineers II | 100.0 | 109.5 | 113.5 | 116.3 | 124.2 | 133.7 | 143.1 | 151.6 | 160.0 |
| Engineers III | 100.0 | 108.8 | 111.9 | 115.6 | 122.1 | 129.6 | 138.3 | 146.0 | 155.0 |
| Engineers IV | 100.0 | 110.3 | 113.9 | 118.0 | 124.4 | 131.2 | 139.2 | 147.2 | 155.6 |
| Engineers V | 100.0 | 112.2 | 115.2 | 119.7 | 126.1 | 132.1 | 139.8 | 147.6 | 156.1 |
| Engineers VI | 100.0 | 110.9 | 114.7 | 118.4 | 124.2 | 129.9 | 139.0 | 145.7 | 153.7 |
| Engineers VII | 100.0 | 107.1 | 109.3 | 113.3 | 117.3 | 122.7 | 128.7 | 135.5 | 142.7 |
| Engineers VIII | 100.0 | 107.5 | 110.8 | 113.5 | 116.7 | 122.2 | 126.0 | 133.3 | 140.3 |

SOURCES: U.S. Department of Labor, Bureau of Labor Statistics. *National Survey of Professional, Administrative, Technical, and Clerical Pay.* Various bulletins.

[a] Straight-time salary corresponding to the employee's normal work schedule, excluding overtime hours.

[b] Developed by Bureau of Labor Statistics, Bureau of the Budget, and Civil Service Commission. Occupational definitions reflect duties and responsibilities in industry; however, they are translatable to specific pay grades in the general schedule for Federal Classification Act employees.

[c] Excludes comptrollers, financial managers, etc., with responsibility for accounting programs who also are responsible for budgeting, work measurement, or similar functions.

[d] Excludes positions not requiring use of full professional legal training.

[e] Not computed; insufficient data.

[f] Excludes chief chemists and assistant chief chemists in large companies with highly diversified or novel programs.

[g] Excludes chief engineers in large companies engaged in complex and diversified research and development.

## TABLE 41.—MEDIAN ANNUAL SALARIES OF ENGINEERS, BY FIELD OF EMPLOYMENT AND REGION, 1969

| Field of employment<br>1 | New England and Middle Atlantic<br>2 | South<br>3 | Midwest<br>4 | Plains<br>5 | Southwest<br>6 | West<br>7 | Total—all regions<br>8 |
|---|---|---|---|---|---|---|---|
| All fields | $18,010 | $16,660 | $16,040 | $15,080 | $15,730 | $16,630 | $16,490 |
| Industry | 17,610 | 16,500 | 15,780 | 15,030 | 15,900 | 16,930 | 16,440 |
| Public utilities | 17,060 | 14,890 | 15,260 | 15,180 | 13,570 | 15,980 | 15,300 |
| Federal government | 18,480 | 17,560 | 16,000 | 15,320 | 15,750 | 16,260 | 16,730 |
| State governments | 15,260 | 14,200 | 14,750 | 13,690 | 14,500 | 14,970 | 14,580 |
| County or municipal governments | 16,750 | 15,380 | 15,130 | 14,070 | 14,540 | 15,600 | 15,280 |
| Educational institutions | 17,810 | 18,080 | 17,870 | 18,780 | 18,000 | 17,410 | 18,010 |
| Consulting firms | 19,770 | 17,490 | 17,490 | 15,580 | 17,450 | 18,430 | 17,890 |
| Construction contractors | 20,310 | 17,820 | 19,560 | 17,800 | 18,270 | 17,300 | 19,000 |
| | INDEX: Total all regions = 100.0 | | | | | | |
| All fields | 109.2 | 101.0 | 97.3 | 91.4 | 95.4 | 100.8 | 100.0 |
| Industry | 107.1 | 100.4 | 96.0 | 91.4 | 96.7 | 103.0 | 100.0 |
| Public utilities | 111.5 | 97.3 | 99.7 | 99.2 | 88.7 | 104.4 | 100.0 |
| Federal government | 110.5 | 105.0 | 95.6 | 91.6 | 94.1 | 97.2 | 100.0 |
| State governments | 104.7 | 97.4 | 101.2 | 93.9 | 99.5 | 102.7 | 100.0 |
| County or municipal governments | 109.6 | 100.7 | 99.0 | 92.1 | 95.2 | 102.1 | 100.0 |
| Educational institutions | 98.9 | 100.4 | 99.2 | 104.3 | 99.9 | 96.7 | 100.0 |
| Consulting firms | 110.5 | 97.8 | 97.8 | 87.1 | 97.5 | 103.0 | 100.0 |
| Construction contractors | 106.9 | 93.8 | 102.9 | 93.7 | 96.2 | 91.1 | 100.0 |

SOURCE: National Society of Professional Engineers. *Income and Salary Survey, 1969.* Washington, D. C.: the Society, April 1970. p. 29.

REGIONS: NEW ENGLAND AND MIDDLE ATLANTIC: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont. SOUTH: Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, Puerto Rico. MIDWEST: Illinois, Indiana, Kentucky, Michigan, Ohio, West Virginia, Wisconsin. PLAINS: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota. SOUTHWEST: Arkansas, Colorado, Louisiana, New Mexico, Oklahoma, Texas, Wyoming, Panama Canal. WEST: Arizona, California, Idaho, Montana, Nevada, Oregon, Utah, Washington, Alaska, Hawaii.

## TABLE 42.–MEDIAN EARNINGS OF ENGINEERS BY YEARS OF EXPERIENCE SINCE BACHELOR'S DEGREE, 1953 TO 1970

| Years since bachelor's degree | Median earnings | | | | | | | | | Percent increase, 1970 over 1968 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1953 | 1956 | 1958 | 1960 | 1962 | 1964 | 1966 | 1968 | 1970 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 0 . . . . . . . . . . . | $4,050 | $ 5,000 | $ 5,850 | $ 6,300 | $ 6,750 | $ 7,300 | $ 8,350 | $ 9,400 | $10,500 | 11.7 |
| 2 . . . . . . . . . . . | 4,600 | 5,700 | 6,450 | 7,100 | 7,400 | 8,100 | 9,000 | 10,350 | 11,250 | 8.7 |
| 4 . . . . . . . . . . . | 5,050 | 6,350 | 7,000 | 7,800 | 8,350 | 8,950 | 9,750 | 11,250 | 12,200 | 8.4 |
| 6 . . . . . . . . . . . | 5,550 | 7,000 | 7,700 | 8,450 | 9,050 | 9,950 | 10,700 | 12,200 | 13,150 | 7.8 |
| 8 . . . . . . . . . . . | 5,750 | 7,600 | 8,350 | 9,250 | 9,750 | 10,650 | 11,600 | 13,000 | 14,250 | 9.6 |
| 10 . . . . . . . . . . | 6,200 | 7,800 | 9,100 | 9,850 | 10,400 | 11,400 | 12,500 | 13,850 | 15,200 | 9.7 |
| 15 . . . . . . . . . . | 7,400 | 9,350 | 10,000 | 11,000 | 11,900 | 12,800 | 13,750 | 15,300 | 16,800 | 9.8 |
| 20 . . . . . . . . . . | 7,750 | 9,800 | 10,800 | 12,050 | 12,700 | 13,900 | 15,050 | 16,300 | 17,800 | 9.2 |
| 25 . . . . . . . . . . | 8,500 | 9,800 | 10,750 | 12,400 | 12,850 | 14,350 | 15,650 | 16,850 | 18,600 | 10.4 |
| 30 . . . . . . . . . . | 8,550 | 10,200 | 10,900 | 12,350 | 12,700 | 14,250 | 15,450 | 16,850 | 18,800 | 11.6 |
| 35 . . . . . . . . . . | 9,200 | 10,200 | 11,200 | 12,050 | 12,550 | 13,800 | 14,850 | 15,850 | 17,950 | 13.2 |
| INDEX: 1953= 100.0[a] | | | | | | | | | | |
| 0 . . . . . . . . . . . | 100.0 | 123.5 | 144.4 | 155.6 | 166.7 | 180.2 | 206.2 | 232.1 | 259.3 | . . . |
| 2 . . . . . . . . . . . | 100.0 | 123.9 | 140.2 | 154.3 | 160.9 | 176.1 | 195.7 | 225.0 | 244.6 | . . . |
| 4 . . . . . . . . . . . | 100.0 | 125.7 | 138.6 | 154.5 | 165.3 | 177.2 | 193.1 | 222.8 | 241.6 | . . . |
| 6 . . . . . . . . . . . | 100.0 | 126.1 | 138.7 | 152.3 | 163.1 | 179.3 | 192.8 | 219.8 | 236.9 | . . . |
| 8 . . . . . . . . . . . | 100.0 | 132.2 | 145.2 | 160.9 | 169.6 | 185.2 | 201.7 | 226.1 | 247.8 | . . . |
| 10 . . . . . . . . . . | 100.0 | 125.8 | 146.8 | 158.9 | 167.7 | 183.9 | 201.6 | 223.4 | 245.2 | . . . |
| 15 . . . . . . . . . . | 100.0 | 126.4 | 135.1 | 148.6 | 160.8 | 173.0 | 185.8 | 206.8 | 227.0 | . . . |
| 20 . . . . . . . . . . | 100.0 | 126.5 | 139.4 | 155.5 | 163.9 | 179.4 | 194.2 | 210.3 | 229.7 | . . . |
| 25 . . . . . . . . . . | 100.0 | 115.3 | 126.5 | 145.9 | 151.2 | 168.8 | 184.1 | 198.2 | 218.8 | . . . |
| 30 . . . . . . . . . . | 100.0 | 119.3 | 127.5 | 144.4 | 148.5 | 166.7 | 180.7 | 197.1 | 219.9 | . . . |
| 35 . . . . . . . . . . | 100.0 | 110.9 | 121.7 | 131.0 | 136.4 | 150.0 | 161.4 | 172.3 | 195.1 | . . . |

SOURCE: Engineering Manpower Commission of Engineers Joint Council. *Professional Income of Engineers, 1970.* December 1970.

[a] Computed by NEA Research Division.

**TABLE 43.–MEDIAN ANNUAL SALARIES OF SCIENTISTS, BY SCIENTIFIC AND TECHNICAL FIELD, BIENNIALLY, 1960 TO 1970**

| Scientific and technical field | Median annual salary | | | | | |
|---|---|---|---|---|---|---|
| | 1960 | 1962 | 1964 | 1966 | 1968 | 1970 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| All fields | $ 9,000 | $10,000 | $11,000 | $12,000 | $13,200 | $15,000 |
| Chemistry | 10,000 | 11,000 | 11,000 | 12,000 | 13,500 | 15,255 |
| Earth and marine sciences | 9,000 | 10,000 | 10,300 | 11,400 | 12,900 | 14,964 |
| Atmospheric and space science | 8,000 | 8,000 | 10,600 | 11,700 | 13,400 | 15,142 |
| Physics | 10,000 | 11,000 | 12,000 | 12,500 | 14,000 | 16,100 |
| Mathematics | 9,000 | 10,000 | 11,000 | 12,000 | 13,000 | 14,300 |
| Agricultural sciences | 7,000 | 8,000 | 9,200 | 10,000 | 11,000 | 12,760 |
| Biological sciences | 8,000 | 10,000 | 10,700 | 12,000 | 13,000 | 14,950 |
| Psychology | 8,000 | 9,000 | 10,300 | 11,500 | 13,200 | 15,048 |
| Statistics | ... | ... | 12,000 | 12,800 | 14,900 | 16,900 |
| Economics | ... | ... | 12,000 | 13,100 | 15,000 | 16,300 |
| Sociology | ... | ... | 10,100 | 11,300 | 12,000 | 12,960 |
| Political science | ... | ... | ... | ... | 12,000 | 13,080 |
| Anthropology | ... | ... | ... | 11,500 | 12,700 | 14,732 |
| Linguistics | ... | ... | 9,000 | 10,000 | 11,500 | 12,535 |
| INDEX: 1960 = 100.0 | | | | | | |
| All fields | 100.0 | 111.1 | 122.2 | 133.3 | 146.7 | 166.7 |
| Chemistry | 100.0 | 110.0 | 110.0 | 120.0 | 135.0 | 152.6 |
| Earth and marine sciences | 100.0 | 111.1 | 114.4 | 126.7 | 143.3 | 166.3 |
| Atmospheric and space science | 100.0 | 100.0 | 132.5 | 146.2 | 167.5 | 189.3 |
| Physics | 100.0 | 110.0 | 120.0 | 125.0 | 140.0 | 161.0 |
| Mathematics | 100.0 | 111.1 | 122.2 | 133.3 | 144.4 | 158.9 |
| Agricultural sciences | 100.0 | 114.3 | 131.4 | 142.9 | 157.1 | 182.3 |
| Biological sciences | 100.0 | 125.0 | 133.8 | 150.0 | 162.5 | 186.9 |
| Psychology | 100.0 | 112.5 | 128.8 | 143.8 | 165.0 | 188.1 |

SOURCES: National Science Foundation. *American Science Manpower, 1960.* NSF 62-43. Washington, D. C.: Government Printing Office, 1962. p. 21.

National Science Foundation. *Scientific Manpower Bulletin.* NSF 62-47. Washington, D.C.: Government Printing Office, December 1962. p. 3.

National Science Foundation. *Review of Data on Science Resources.* Vol. 1, No. 2. Washington, D.C.: Government Printing Office, December 1964. p. 2; and NSF 66-34. December 1966. p. 2.

National Science Foundation. *Salaries and Selected Characteristics of U.S. Scientists, 1968.* NSF 69-5. Washington, D.C.: Government Printing Office, December 1968. 8 p.

National Science Foundation. *Review of Data on Science Resources.* NSF 70-19. Washington, D.C.: Government Printing Office, 1971.

Index relationships computed by NEA Research Division.

**TABLE 44.–MEDIAN SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS BY SEX AND FIELD, 1970**

| Field | Median salary |  | Women's median as percent of men's |
|---|---|---|---|
|  | Women | Men |  |
| 1 | 2 | 3 | 4 |
| All fields | $11,600 | $15,200 | 76.3 |
| Chemistry | 10,500 | 15,600 | 67.3 |
| Earth and marine sciences | 10,500 | 15,000 | 70.0 |
| Atmospheric and space sciences | 13,000 | 15,200 | 85.5 |
| Physics | 12,000 | 16,000 | 75.0 |
| Mathematics | 10,000 | 15,000 | 66.7 |
| Computer sciences | 13,200 | 16,900 | 78.1 |
| Agricultural sciences | 9,400 | 12,800 | 73.4 |
| Biological sciences | 11,000 | 15,500 | 71.0 |
| Psychology | 13,000 | 15,500 | 83.9 |
| Statistics | 14,000 | 17,100 | 81.9 |
| Economics | 13,400 | 16,500 | 81.2 |
| Sociology | 11,000 | 13,500 | 81.5 |
| Anthropology | 12,300 | 15,000 | 82.0 |
| Political science | 11,000 | 13,500 | 81.5 |
| Linguistics | 11,300 | 13,000 | 86.9 |

SOURCE: National Science Foundation: *National Register of Scientific and Technical Personnel.* 1970.

TABLE 45.–AVERAGE EARNINGS* OF FULL-TIME STATE AND LOCAL GOVERNMENT EMPLOYEES, BY SELECTED FUNCTIONS, 1962-1970

| Function | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Total, all functions | $5,316 | $5,484 | $5,676 | $ 5,916 | $ 6,216 | $ 6,756 | $ 7,284 | $ 7,764 | $ 8,364 |
| Education | 5,928 | 6,096 | 6,216 | 6,456 | 6,696 | 7,356 | 7,956 | 8,484 | 9,072 |
| Local schools | 5,856 | 5,976 | 6,096 | 6,336 | 6,528 | 7,224 | 7,824 | 8,340 | 8,904 |
| Instructional personnel | 6,504 | 6,660 | 6,888 | 7,176 | 7,500 | 8,040 | 8,700 | 9,288 | 9,960 |
| Institutions of higher education | 6,444 | 6,864 | 7,008 | 7,188 | 7,692 | 8,136 | 8,640 | 9,192 | 9,852 |
| Instructional personnel | 8,952 | 9,468 | 9,888 | 10,320 | 10,944 | 11,592 | 12,540 | 13,152 | 13,932 |
| Functions other than education | 4,812 | 4,980 | 5,196 | 5,424 | 5,760 | 6,192 | 6,660 | 7,104 | 7,704 |
| Highways | 4,716 | 4,884 | 5,028 | 5,220 | 5,508 | 5,952 | 6,348 | 6,804 | 7,212 |
| Public welfare | 4,452 | 4,536 | 4,740 | 5,088 | 5,364 | 5,796 | 6,204 | 6,684 | 7,188 |
| Hospitals | 3,804 | 3,948 | 4,104 | 4,284 | 4,608 | 5,064 | 5,448 | 5,904 | 6,468 |
| Health | 5,172 | 5,220 | 5,544 | 5,748 | 6,048 | 6,528 | 7,236 | 7,740 | 8,256 |
| Police protection | 5,580 | 5,796 | 6,072 | 6,348 | 6,684 | 7,128 | 7,968 | 8,112 | 9,048 |
| Local fire protection | 5,832 | 6,096 | 6,408 | 6,672 | 7,080 | 7,440 | 8,028 | 8,820 | 9,696 |
| Local parks and recreation | 4,524 | 4,668 | 4,812 | 5,004 | 5,268 | 5,460 | 5,856 | 6,372 | 6,744 |
| Airports | 5,724 | 5,760 | 5,940 | 6,456 | 6,768 | 7,008 | 7,356 | 7,872 | 8,424 |
| Correction | 5,124 | 5,256 | 5,544 | 5,820 | 6,024 | 6,708 | 7,104 | 7,740 | 8,436 |
| Local libraries | 3,984 | 4,152 | 4,320 | 4,596 | 4,644 | 5,148 | 5,376 | 5,688 | 6,156 |
| Financial administration | 4,740 | 4,896 | 5,124 | 5,304 | 5,688 | 6,024 | 6,360 | 6,852 | 7,452 |
| Local utilites: | | | | | | | | | |
| Water supply | 4,884 | 5,028 | 5,292 | 5,508 | 5,916 | 6,180 | 6,576 | 7,080 | 7,536 |
| Electric power | 6,000 | 6,144 | 6,444 | 6,756 | 7,092 | 7,464 | 7,728 | 8,496 | 9,000 |
| Transit | 6,336 | 6,720 | 7,020 | 7,416 | 7,932 | 9,096 | 9,972 | 9,408 | 10,320 |
| Gas supply | 5,040 | 5,244 | 5,484 | 5,604 | 6,288 | 5,712 | 7,464 | 7,548 | 7,104 |

### INDEX RELATIONSHIP: (Local school instructional personnel = 100.0)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total, all functions | 81.7 | 82.3 | 82.4 | 82.4 | 82.9 | 84.0 | 83.7 | 83.6 | 84.0 |
| Education | 91.1 | 91.5 | 90.2 | 90.0 | 89.3 | 91.5 | 91.4 | 91.3 | 91.1 |
| Local schools | 90.0 | 89.7 | 88.5 | 88.3 | 87.0 | 89.9 | 89.9 | 89.8 | 89.4 |
| Instructional personnel | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Institutions of higher education | 99.1 | 103.1 | 101.7 | 100.2 | 102.6 | 101.2 | 99.3 | 99.0 | 98.9 |
| Instructional personnel | 137.6 | 142.2 | 143.6 | 143.8 | 145.9 | 144.2 | 144.1 | 141.6 | 139.9 |
| Functions other than education | 74.0 | 74.8 | 75.4 | 75.6 | 76.8 | 77.0 | 76.6 | 76.5 | 77.3 |
| Highways | 72.5 | 73.3 | 73.0 | 72.7 | 73.4 | 74.0 | 73.0 | 73.3 | 72.4 |
| Public welfare | 68.4 | 68.1 | 68.8 | 70.9 | 71.5 | 72.1 | 71.3 | 72.0 | 72.2 |
| Hospitals | 58.5 | 59.3 | 59.6 | 59.7 | 61.4 | 63.0 | 62.6 | 63.6 | 64.9 |
| Health | 79.5 | 78.4 | 80.5 | 80.1 | 80.6 | 81.2 | 83.2 | 83.3 | 82.9 |
| Police protection | 85.8 | 87.0 | 88.2 | 88.5 | 89.1 | 88.7 | 91.6 | 87.3 | 90.8 |
| Local fire protection | 89.7 | 91.5 | 93.0 | 93.0 | 94.4 | 92.5 | 92.3 | 95.0 | 97.3 |
| Local parks and recreation | 69.6 | 70.1 | 69.9 | 69.7 | 70.2 | 67.9 | 67.3 | 68.6 | 67.7 |
| Airports | 88.0 | 86.5 | 86.2 | 90.0 | 90.2 | 87.2 | 84.6 | 84.8 | 84.6 |
| Correction | 78.8 | 78.9 | 80.5 | 81.1 | 80.3 | 83.4 | 81.7 | 83.3 | 84.7 |
| Local libraries | 61.3 | 62.3 | 62.7 | 64.0 | 61.9 | 64.0 | 61.8 | 61.2 | 61.8 |
| Financial administration | 72.9 | 73.5 | 74.4 | 73.9 | 75.8 | 74.9 | 73.1 | 73.8 | 74.8 |
| Local utilities: | | | | | | | | | |
| Water supply | 75.1 | 75.5 | 76.8 | 76.8 | 78.9 | 76.9 | 75.6 | 76.2 | 75.7 |
| Electric power | 92.3 | 92.3 | 93.6 | 94.1 | 94.6 | 92.8 | 88.8 | 91.5 | 90.4 |
| Transit | 97.4 | 100.9 | 101.9 | 103.3 | 105.8 | 113.1 | 114.6 | 101.3 | 103.6 |
| Gas supply | 77.5 | 78.7 | 79.6 | 78.1 | 83.8 | 71.0 | 85.8 | 81.3 | 71.3 |

SOURCE: U.S. Department of Commerce, Bureau of the Census. GE Series 1964 to 1970 and special reports for 1962 and 1963.

*Annual earnings for full-time employees computed from October earnings. Annual earnings are shown here only for greater ease of comparison and should be used only in this manner.

### TABLE 46.–AVERAGE SALARIES PAID FULL-TIME EMPLOYEES OF STATE AND LOCAL GOVERNMENTS AND AVERAGE SALARIES PAID TEACHERS, 1965 AND 1970

| State | Average annual salaries of full-time employees of state and local governments | | | Average salaries paid teachers | | |
|---|---|---|---|---|---|---|
| | 1965 | 1970 | Percent increase | 1965-66 | 1970-71 | Percent increase |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Alabama | $4,524 | $ 6,216 | 37.4 | $5,159 | $ 7,376 | 43.2 |
| Alaska | 8,904 | 12,240 | 37.5 | 8,340 | 13,570 | 62.7 |
| Arizona | 6,288 | 8,760 | 39.3 | 6,960 | 9,281 | 33.3 |
| Arkansas | 4,212 | 5,628 | 33.6 | 4,627 | 6,525 | 41.0 |
| California | 7,812 | 10,596 | 35.6 | 8,064 | 11,022 | 36.7 |
| Colorado | 5,748 | 7,860 | 36.7 | 6,357 | 8,614 | 35.5 |
| Connecticut | 6,528 | 9,300 | 42.5 | 6,798 | 10,079 | 48.3 |
| Delaware | 5,496 | 7,860 | 43.0 | 7,278 | 9,725 | 33.6 |
| District of Columbia | 6,768 | 9,036 | 33.5 | 7,300 | 10,606 | 45.3 |
| Florida | 5,016 | 7,632 | 52.2 | 6,190 | 8,797 | 42.1 |
| Georgia | 4,380 | 6,420 | 46.6 | 5,395 | 7,494 | 38.9 |
| Hawaii | 6,240 | 9,504 | 52.3 | 6,820 | 10,285 | 50.8 |
| Idaho | 4,992 | 6,516 | 30.5 | 5,675 | 7,059 | 24.4 |
| Illinois | 6,444 | 9,264 | 43.8 | 6,989 | 10,249 | 46.6 |
| Indiana | 5,748 | 7,608 | 32.4 | 7,017 | 9,427 | 34.3 |
| Iowa | 5,292 | 7,560 | 42.9 | 5,937 | 9,103 | 53.3 |
| Kansas | 5,040 | 6,960 | 38.1 | 5,785 | 8,034 | 38.9 |
| Kentucky | 4,860 | 6,852 | 41.0 | 4,993 | 7,197 | 44.1 |
| Louisiana | 4,860 | 6,612 | 36.0 | 5,788 | 8,306 | 43.5 |
| Maine | 4,920 | 6,588 | 33.9 | 5,563 | 8,127 | 46.1 |
| Maryland | 5,916 | 8,724 | 47.5 | 6,757 | 10,091 | 49.3 |
| Massachusetts | 6,096 | 8,592 | 40.9 | 7,100 | 9,613 | 35.4 |
| Michigan | 6,552 | 9,852 | 50.4 | 6,850 | 10,962 | 60.0 |
| Minnesota | 6,156 | 8,976 | 45.8 | 6,660 | 9,778 | 46.8 |
| Mississippi | 3,900 | 5,436 | 39.4 | 4,212 | 6,004 | 42.5 |
| Missouri | 5,220 | 7,356 | 40.9 | 5,875 | 8,185 | 39.3 |
| Montana | 5,592 | 7,260 | 29.8 | 5,800 | 8,173 | 40.9 |
| Nebraska | 4,968 | 7,044 | 41.8 | 5,225 | 8,120 | 55.4 |
| Nevada | 6,312 | 8,892 | 40.9 | 6,972 | 9,551 | 37.0 |
| New Hampshire | 5,148 | 7,548 | 46.6 | 5,731 | 8,311 | 45.0 |
| New Jersey | 6,444 | 9,012 | 39.9 | 6,968 | 10,025 | 43.9 |
| New Mexico | 5,328 | 7,068 | 32.7 | 6,408 | 8,112 | 26.6 |
| New York | 6,780 | 9,708 | 43.2 | 7,700 | 11,034 | 43.3 |
| North Carolina | 5,340 | 7,164 | 34.2 | 5,373 | 7,772 | 44.6 |
| North Dakota | 5,184 | 7,140 | 37.7 | 5,120 | 7,257 | 41.7 |
| Ohio | 5,568 | 7,908 | 42.0 | 6,320 | 8,676 | 37.3 |
| Oklahoma | 4,728 | 6,600 | 39.6 | 5,686 | 7,657 | 34.7 |
| Oregon | 6,144 | 8,400 | 36.7 | 6,740 | 9,021 | 33.8 |
| Pennsylvania | 5,532 | 8,220 | 48.6 | 6,590 | 9,186 | 39.4 |

### TABLE 46.—AVERAGE SALARIES PAID FULL-TIME EMPLOYEES OF STATE AND LOCAL GOVERNMENTS AND AVERAGE SALARIES PAID TEACHERS, 1965 AND 1970 (Continued)

| State | Average annual salaries of full-time employees of state and local governments | | | Average salaries paid teachers | | |
|---|---|---|---|---|---|---|
| | 1965 | 1970 | Percent increase | 1965-66 | 1970-71 | Percent increase |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Rhode Island | $5,640 | $8,292 | 47.0 | $6,500 | $ 9,301 | 43.1 |
| South Carolina | 4,356 | 6,216 | 42.7 | 4,729 | 6,950 | 47.0 |
| South Dakota | 4,980 | 6,624 | 33.0 | 4,625 | 7,392 | 59.8 |
| Tennessee | 4,620 | 6,312 | 36.6 | 5,100 | 7,550 | 48.0 |
| Texas | 5,004 | 7,044 | 40.8 | 5,930 | 8,147 | 37.4 |
| Utah | 5,700 | 7,608 | 33.5 | 6,250 | 8,048 | 28.8 |
| Vermont | 5,232 | 7,680 | 46.8 | 5,500 | 8,265 | 50.3 |
| Virginia | 5,148 | 7,560 | 46.9 | 5,725 | 8,582 | 49.9 |
| Washington | 6,468 | 9,072 | 40.3 | 6,914 | 9,900 | 43.2 |
| West Virginia | 4,788 | 6,552 | 36.8 | 5,000 | 7,626 | 52.5 |
| Wisconsin | 6,240 | 8,892 | 42.5 | 6,422 | 9,640 | 50.1 |
| Wyoming | 5,592 | 7,092 | 26.8 | 6,404 | 8,687 | 35.6 |
| UNITED STATES | 5,916 | 8,364 | 41.4 | 6,485 | 9,269 | 42.9 |

SOURCES: U. S. Department of Commerce, Bureau of the Census, *Public Employment in 1970* and *Public Employment in 1965.*

Salaries for teachers are from the NEA Research Division, *Estimates of School Statistics.*

NOTE: Annual salaries for employees of state and local governments are based on October earnings; salaries for teachers are for school years 1965-66 and 1970-71.

TABLE 47.–MEAN MINIMUM AND MAXIMUM SALARIES FOR SELECTED POSITIONS IN STATE AND LOCAL GRANT-AIDED EMPLOYMENT SECURITY, PUBLIC WELFARE, PUBLIC HEALTH, AND RELATED PROGRAMS, JULY 1, 1969, 1970 AND 1971

| | Average MINIMUM salary | | | | Average MAXIMUM salary | | | |
|---|---|---|---|---|---|---|---|---|
| Position and class of employment | July 1, 1969 | July 1, 1970 | July 1, 1971 | Percent increase, July 1, 1971 over July 1, 1969 | July 1, 1969 | July 1, 1970 | July 1, 1971 | Percent increase, July 1, 1971 over July 1, 1969 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| EMPLOYMENT SECURITY | | | | | | | | |
| State director, employment service | $13,951 | $14,918 | $16,131 | 15.6 | $17,889 | $19,274 | $20,590 | 15.1 |
| Chief of benefits | 11,670 | 12,513 | 12,997 | 11.4 | 14,964 | 16,092 | 16,859 | 12.7 |
| Hearings referee | 9,979 | 10,583 | 11,119 | 11.4 | 12,889 | 13,637 | 14,433 | 12.0 |
| Local office manager | 8,101 | 8,651 | 9,007 | 11.2 | 10,400 | 11,100 | 11,640 | 11.9 |
| Unemployment claims deputy | 6,717 | 7,239 | 7,488 | 11.5 | 8,548 | 9,232 | 9,670 | 13.1 |
| Employment interviewer | 6,299 | 6,694 | 6,941 | 10.2 | 7,993 | 8,531 | 8,940 | 11.8 |
| Director of research and statistics | 12,250 | 12,960 | 13,648 | 11.4 | 15,704 | 16,654 | 17,691 | 12.7 |
| Labor force analyst | 7,391 | 7,820 | 8,104 | 9.6 | 9,461 | 9,992 | 10,457 | 10.5 |
| Employment counselor | 7,232 | 7,719 | 7,974 | 10.3 | 9,209 | 9,850 | 10,278 | 11.6 |
| Unemployment insurance field auditor | 7,336 | 7,854 | 8,164 | 11.3 | 9,417 | 10,107 | 10.541 | 11.9 |
| PUBLIC WELFARE | | | | | | | | |
| Director of welfare research and statistics | 11,898 | 12,696 | 13,251 | 11.4 | 15,270 | 16,321 | 17,119 | 12.1 |
| Public welfare field representative | 10,096 | 10,798 | 11,299 | 11.9 | 12,980 | 13,802 | 14,503 | 11.7 |
| Medical social work consultant | 9,800 | 10,481 | 11,313 | 15.4 | 12,659 | 13,471 | 14,591 | 15.3 |
| State director of social services | 12,712 | 14,262 | 15,272 | 20.1 | 15,843 | 17,469 | 18,540 | 17.0 |
| Social service supervisor | 7,734 | 8,303 | 8,811 | 13.9 | 10.579 | 11,274 | 12,070 | 14.1 |
| Social service worker | 6,087 | 6,556 | 6,771 | 11.2 | 8,256 | 8,741 | 9,205 | 11.5 |
| Consultant on foster care and licensing | 9,575 | 10,218 | 10,512 | 9.8 | 12,325 | 13,102 | 13,567 | 10.1 |
| PUBLIC HEALTH | | | | | | | | |
| Director of public health statistics | 11,707 | 12,432 | 13,232 | 13.0 | 15,024 | 15,753 | 16,796 | 11.8 |
| Director of public health engineering | 16,111 | 17,272 | 17,805 | 10.5 | 20,448 | 22,043 | 22,727 | 11.1 |
| Public health engineer | 8,570 | 8,967 | 9,264 | 8.1 | 10,862 | 11,398 | 11,840 | 9.0 |
| Sanitarian | 6,694 | 7,158 | 7,665 | 14.5 | 8,672 | 9,234 | 9,835 | 13.4 |
| Health officer | 15,382 | 16,690 | 17,907 | 16.4 | 19,393 | 20,964 | 22,303 | 15.0 |
| State director, public health nursing | 12,150 | 12,883 | 13,575 | 11.7 | 15,648 | 16,547 | 17,619 | 12.6 |

|  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|
| PUBLIC HEALTH (Continued) |  |  |  |  |  |  |  |  |
| Public health nurse consultant | $ 9,406 | $ 9,961 | $10,494 | 11.6 | $12,036 | $12,802 | $13,512 | 12.3 |
| Public health nurse | 6,698 | 7,114 | 7,450 | 11.2 | 8,691 | 9,244 | 9,666 | 11.2 |
| Director of public health education | 11,561 | 12,203 | 12,841 | 11.1 | 14,607 | 15,188 | 16,028 | 9.7 |
| Nutrition consultant | 8,463 | 9,071 | 9,441 | 11.6 | 10,852 | 11,637 | 12,209 | 12.5 |
| Laboratory technician | 6,778 | 7,227 | 7,480 | 10.4 | 8,636 | 9,242 | 9,529 | 10.3 |
| MENTAL HEALTH |  |  |  |  |  |  |  |  |
| Psychiatrist | 18,857 | 19,810 | 21,029 | 11.5 | 23,302 | 24,642 | 26,029 | 11.7 |
| Psychologist | 9,383 | 9,937 | 10,588 | 12.8 | 12,067 | 12,898 | 13,711 | 13.6 |
| Psychiatric social worker | 8,368 | 8,944 | 9,429 | 12.7 | 10,675 | 11,581 | 12,167 | 14.0 |
| VOCATIONAL REHABILITATION |  |  |  |  |  |  |  |  |
| Vocational rehabilitation director | 15,816 | 17,354 | 18,813 | 18.9 | 18,660 | 20,189 | 22,050 | 18.2 |
| Vocational rehabilitation counselor | 7,635 | 8,047 | 8,384 | 9.8 | 9,854 | 10,442 | 10,876 | 10.4 |
| CIVIL DEFENSE |  |  |  |  |  |  |  |  |
| State director, civil defense | 15,079 | 16,309 | 16,826 | 11.6 | 17,311 | 18,659 | 19,869 | 14.8 |
| Deputy state director, civil defense | 11,533 | 12,260 | 12,764 | 10.7 | 14,640 | 15,135 | 15,882 | 8.5 |
| Administrative officer | 9,030 | 9,465 | 10,046 | 11.3 | 11,544 | 12,065 | 12,771 | 10.6 |
| Operations officer | 9,546 | 9,878 | 10,206 | 6.9 | 12,228 | 12,664 | 13,163 | 7.6 |
| Area coordinator | 8,503 | 8,856 | 8,998 | 5.8 | 10,906 | 11,347 | 11,554 | 5.9 |
| Training and education officer | 8,434 | 8,636 | 8,844 | 4.9 | 10,920 | 11,148 | 11,485 | 5.2 |
| Public information officer | 8,589 | 8,678 | 8,961 | 4.3 | 10,993 | 11,099 | 11,577 | 5.3 |
| Radiological defense officer | 8,925 | 9,250 | 9,957 | 11.6 | 11,476 | 11,734 | 12,693 | 10.6 |
| Communications officer | 8,398 | 8,796 | 9,146 | 8.9 | 10,801 | 11,266 | 11,829 | 9.5 |

SOURCE: U.S. Civil Service Commission, Bureau of Intergovernmental Personnel Programs. *Salary Ranges of Selected State Classes, July 1, 1971.* Washington, D.C.: the Commission, 1972.

## TABLE 48.–AVERAGE ANNUAL EARNINGS OF FULL-TIME CITY EMPLOYEES BY FUNCTION AND AVERAGE SALARIES OF CLASSROOM TEACHERS

Calendar years 1964 to 1970

| Function | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | Percent change, 1970 over 1969 |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Average salary paid classroom teachers (calendar-year basis) | $6,062 | $6,292 | $6,600 | $7,028 | $7,599 | $8,180 | $ 8,846 | 8.1 |
| City employees: | | | | | | | | |
| All functions | 5,784 | 6,012 | 6,324 | 6,720 | 7,284 | 7,752 | 8,508 | 9.8 |
| Common municipal functions | 5,568 | 5,796 | 6,060 | 6,456 | 7,080 | 7,428 | 8,172 | 10.0 |
| Highways | 5,136 | 5,376 | 5,556 | 5,904 | 6,288 | 6,708 | 7,128 | 6.3 |
| Police protection | 6,216 | 6,480 | 6,804 | 7,248 | 8,304 | 8,220 | 9,276 | 12.8 |
| Fire protection | 6,408 | 6,684 | 7,092 | 7,464 | 8,052 | 8,868 | 9,768 | 10.1 |
| Sewerage | 5,040 | 5,112 | 5,484 | 5,772 | 6,240 | 6,420 | 7,044 | 9.7 |
| Sanitation (other than sewerage) | 4,860 | 4,992 | 5,268 | 5,520 | 6,000 | 6,228 | 6,864 | 10.2 |
| Parks and recreation | 4,680 | 4,848 | 5,220 | 5,352 | 5,772 | 6,276 | 6,600 | 5.2 |
| Libraries | 4,380 | 4,572 | 4,716 | 5,292 | 5,448 | 5,844 | 6,288 | 7.6 |
| Financial administration | 5,256 | 5,436 | 5,760 | 6,120 | 6,504 | 6,888 | 7,560 | 9.8 |
| General control | 5,820 | 6,072 | 6,108 | 6,480 | 6,984 | 7,452 | 8,268 | 11.0 |
| Water supply | 5,196 | 5,460 | 5,784 | 6,036 | 6,468 | 7,032 | 7,488 | 6.5 |
| Variable municipal functions | 6,096 | 6,312 | 6,588 | 7,080 | 7,560 | 8,172 | 8,940 | 9.4 |
| Education (schools and colleges) | 7,056 | 7,236 | 7,356 | 7,836 | 8,232 | 9,216 | 10,056 | 9.1 |
| All other | 5,448 | 5,688 | 6,036 | 6,540 | 7,080 | 7,416 | 8,160 | 10.0 |

## INDEX: CLASSROOM TEACHERS - 100.0

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Average salary paid classroom teachers (calendar-year basis) | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | ... |
| City employees: | | | | | | | | |
| All functions | 95.4 | 95.5 | 95.8 | 95.6 | 95.9 | 94.8 | 96.2 | ... |
| Common municipal functions | 91.9 | 92.1 | 91.8 | 91.9 | 93.2 | 90.8 | 92.4 | ... |
| Highways | 84.7 | 85.4 | 84.2 | 84.0 | 82.7 | 82.0 | 80.6 | ... |
| Police protection | 102.5 | 103.0 | 103.1 | 103.1 | 109.3 | 100.5 | 104.9 | ... |
| Fire protection | 105.7 | 106.2 | 107.5 | 106.2 | 106.0 | 108.4 | 110.4 | ... |
| Sewerage | 83.1 | 81.2 | 83.1 | 82.1 | 82.1 | 78.5 | 79.6 | ... |
| Sanitation (other than sewerage) | 80.2 | 79.3 | 79.8 | 78.5 | 79.0 | 76.1 | 77.6 | ... |
| Parks and recreation | 77.2 | 77.1 | 79.1 | 76.2 | 76.0 | 76.7 | 74.6 | ... |
| Libraries | 72.3 | 72.7 | 71.5 | 75.3 | 71.7 | 71.4 | 71.1 | ... |
| Financial administration | 86.7 | 86.4 | 87.3 | 87.1 | 85.6 | 84.2 | 85.5 | ... |
| General control | 96.0 | 96.5 | 92.5 | 92.2 | 91.9 | 91.1 | 93.5 | ... |
| Water supply | 85.7 | 86.8 | 87.6 | 85.9 | 85.1 | 86.0 | 84.6 | ... |
| Variable municipal functions | 100.6 | 100.3 | 99.8 | 100.7 | 99.5 | 99.9 | 101.1 | ... |
| Education (schools and colleges) | 116.4 | 115.0 | 111.5 | 111.5 | 108.3 | 112.7 | 113.7 | ... |
| All other | 89.9 | 90.4 | 91.5 | 93.1 | 93.2 | 90.7 | 92.2 | ... |

SOURCE: U.S. Department of Commerce, Bureau of the Census, *City Employment*, G.E. Series 1964 to 1970.

NOTE: Salaries for classroom teachers from NEA Research Division. Annual average salaries of city employees based on October earnings.

### TABLE 49.–AVERAGE MONTHLY EARNINGS FOR SELECTED OCCUPATIONS IN MUNICIPAL GOVERNMENTS
(Various Dates, May 1970 to March 1971)

| Occupation<br>1 | Atlanta<br>2 | Boston<br>3 | Buffalo<br>4 | Chicago<br>5 | Houston<br>6 | Kansas City<br>7 | Los Angeles<br>8 | New Orleans<br>9 | New York<br>10 | Newark<br>11 | Philadelphia<br>12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OFFICE CLERICAL: | | | | | | | | | | | |
| Clerks, payroll | ... | $625 | ... | $ 660 | ... | ... | ... | ... | ... | ... | ... |
| Clerks, accounting | $618 | 560 | $556 | 534 | $663 | $454 | ... | $414 | $ 469 | $ 533 | $ 676 |
| Stenographers | 464 | 528 | 557 | 576 | 494 | 482 | $ 607 | 444 | 505 | 538 | 633 |
| DATA PROCESSING: | | | | | | | | | | | |
| Computer operators | 612 | 617 | 692 | 664 | 621 | 546 | 721 | 474 | 634 | 726 | 721 |
| Computer programmers | 734 | 667 | 805 | 925 | 663 | 673 | 967 | 576 | 713 | 752 | 820 |
| Computer systems analysts | 777 | 1,031 | 938 | 1,125 | 798 | 971 | 1,238 | 849 | 625 | ... | 1,069 |
| Tabulating–Machine operators | 587 | 583 | 620 | 581 | ... | ... | 747 | 435 | 547 | ... | 668 |
| MAINTENANCE AND CUSTODIAL: | | | | | | | | | | | |
| Carpenters | 722 | 666 | 667 | 1,051 | 710 | 658 | 880 | 533 | 1,048 | 1,063 | 775 |
| Electricians | 702 | ... | 660 | 1,247 | 907 | 693 | 992 | 600 | 1,041 | 987 | 778 |
| Mechanics, automotive | 689 | 612 | 675 | ... | 729 | 671 | 845 | 523 | 1,048 | 1,203 | 773 |
| Painters | 714 | 663 | 683 | 982 | 736 | 667 | 898 | 490 | 937 | 940 | 783 |
| Plumbers | ... | 648 | 673 | 1,077 | 724 | 691 | 1,124 | 579 | 946 | 1,141 | 776 |
| Helpers, maintenance trades | ... | 574 | 481 | ... | ... | ... | 696 | ... | ... | 1,032 | 661 |

SOURCE: Columns 2-12 calculated on a weighted average basis, when applicable, by the NEA Research Division from the U.S. Department of Labor, Bureau of Labor Statistics, ***Monthly Labor Review***, "Comparing Municipal Salaries with Industry and Federal Pay." October 1971, Volume 94, Number 10. NOTE: Where no employees matching BLS categories were reported, no figures are given.

## TABLE 50.–SUMMARY OF SALARIES PAID EMPLOYEES OF STATE DEPARTMENTS OF EDUCATION, 1969-70, BY MAJOR FUNCTION

| Function | Number of officers reported | Salaries paid | | | | | |
|---|---|---|---|---|---|---|---|
| | | Mean | First quartile | Median | Third quartile | Range | |
| | | | | | | Low | High |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Professional, administrative, and technical: | | | | | | | |
| Chief state school officer | 52 | $24,625 | $19,625 | $23,702 | $30,000 | $13,750 | $45,000 |
| Deputy chief state school officer | 48 | 23,099 | 18,522 | 22,450 | 27,436 | 14,400 | 37,275 |
| Associate and/or assistant chiefs | 205 | 21,019 | 17,030 | 20,616 | 24,478 | 12,600 | 34,650 |
| Administrative assistants | 66 | 17,688 | 15,235 | 19,600 | 20,396 | 8,976 | 22,895 |
| Directors of major divisions | 297 | 17,250 | 14,566 | 16,537 | 19,101 | 9,152 | 27,605 |
| Administration and special services | 1,165 | 12,783 | 10,593 | 12,500 | 14,773 | 5,040 | 25,311 |
| Finance, business, and plant | 976 | 11,224 | 9,216 | 10,841 | 12,886 | 3,960 | 23,057 |
| Instructional administration and services | 6,035 | 11,260 | 9,145 | 10,800 | 13,248 | 4,800 | 28,935 |
| Instructional services (subject matter) | 508 | 13,332 | 11,580 | 13,270 | 15,000 | 8,040 | 21,760 |
| Staff personnel services (department staff) | 243 | 12,486 | 9,600 | 12,300 | 14,863 | 5,040 | 23,057 |
| Pupil personnel, programs, and services | 1,403 | 12,231 | 10,150 | 11,909 | 14,028 | 5,000 | 28,356 |
| Total | 10,998 | $12,162 | [a] | [a] | [a] | $3,960 | $45,000 |
| Clerical positions: | | | | | | | |
| Secretaries and stenographers | 4,924 | $5,295 | $4,588 | $5,177 | $5,832 | [b] | [b] |
| Typists and clerk-typists | 1,731 | 4,831 | 4,194 | 4,730 | 5,372 | [b] | [b] |
| Accounting and payroll clerks | 903 | 6,080 | 4,891 | 5,818 | 6,831 | [b] | [b] |
| Other clerks or clerical assistants | 2,170 | 5,059 | 4,125 | 4,803 | 5,925 | [b] | [b] |
| Data processing: | | | | | | | |
| Machine operators | 373 | 5,729 | 4,741 | 5,340 | 6,576 | [b] | [b] |
| Other data processing | 143 | 6,486 | 5,048 | 6,509 | 7,342 | [b] | [b] |
| Total | 10,244 | $5,270 | $4,419 | $5,090 | $5,962 | [b] | [b] |

SOURCE: National Education Association, Research Division. *Staff Salaries, State Departments of Education, 1969-70.* Research Report 1970-R7. Washington, D.C.: the Association, 1970. p. 7. Later data not available.

[a] Not computed.

[b] Not available; grouped data requested.

### TABLE 51.–MEDIAN SALARIES PAID BY STATE EDUCATION ASSOCIATIONS, 1964-65 TO 1971-72, SELECTED STAFF POSITIONS

| Staff position | Median salaries paid | | | | | | | | Range of salaries paid, 1971-72 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1964-65 | 1965-66 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | Low | High |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Executive secretary | $15,000 | $16,500 | $17,500 | $19,250 | $20,500 | $24,000 | $26,000 | $27,030 | $17,500 | $46,333 |
| Associate executive secretary | . . . | . . . | . . . | . . . | . . . | 18,500 | 20,600 | 24,400 | 17,000 | 35,000 |
| Assistant executive secretary | 12,154 | 12,800 | 14,126 | 15,472 | 17,500 | 17,850 | 19,604 | 21,000 | 15,000 | 32,994 |
| Director of publications, editor | 10,000 | 11,050 | 11,250 | 12,320 | 13,216 | 15,936 | 16,800 | 18,375 | 8,100 | 28,300 |
| Assistant editor, publications assistant | 7,300 | 7,500 | 8,500 | 9,700 | 11,000 | 10,800 | 12,433 | 13,236 | 8,330 | 23,030 |
| Director of field service | 11,410 | 11,970 | 12,700 | 14,800 | 16,750 | 17,820 | 19,604 | 17,600 | 11,500 | 27,300 |
| Assistant director of field service, field representative | 10,075 | 9,750 | 10,000 | 11,550 | 12,500 | 14,280 | 14,662 | 15,500 | 9,000 | 22,100 |
| Director of research | 11,000 | 10,710 | 11,965 | 14,100 | 16,150 | 17,500 | 18,900 | 19,600 | 12,800 | 32,697 |
| Assistant director of research | 10,075 | 10,400 | 12,000 | 11,000 | 11,816 | 13,800 | 14,642 | 18,480 | 9,214 | 24,260 |
| Public relations director, consultant or assistant | 11,400 | 11,200 | 11,745 | 13,860 | 14,490 | 15,936 | 17,355 | 17,640 | 11,200 | 32,697 |
| Director of professional relations, professional services | 10,275 | 12,410 | 14,150 | 16,000 | 15,332 | 16,500 | 19,066 | 17,500 | 13,214 | 28,355 |
| Special professional services | 10,500 | 11,000 | 12,306 | 12,500 | 14,868 | 15,627 | | | | |
| Administrative assistant | 7,420 | 8,250 | 10,889 | 10,500 | 10,500 | 10,632 | . . . | . . . | . . . | . . . |
| Office manager, business manager | 8,400 | 9,250 | 10,400 | 11,500 | 9,678 | 10,300 | 11,419 | 13,965 | 8,523 | 17,000 |

SOURCE: National Council of State Education Associations, 1971.

## TABLE 52.–U.S. CLASSIFIED CIVIL SERVICE SCHEDULE OF ANNUAL RATES, BY GRADES, EFFECTIVE JANUARY 1972

| General schedule grade | Steps within grade[a] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| GS–1 . . . . . . | $ 4,564 | $ 4,716 | $ 4,868 | $ 5,020 | $ 5,172 | $ 5,324 | $ 5,476 | $ 5,628 | $ 5,780 | $ 5,932 |
| GS–2 . . . . . . | 5,166 | 5,338 | 5,510 | 5,682 | 5,854 | 6,026 | 6,198 | 6,370 | 6,542 | 6,714 |
| GS–3 . . . . . . | 5,828 | 6,022 | 6,216 | 6,410 | 6,604 | 6,798 | 6,992 | 7,186 | 7,380 | 7,574 |
| GS–4 . . . . . . | 6,544 | 6,762 | 6,980 | 7,198 | 7,416 | 7,634 | 7,852 | 8,070 | 8,238 | 8,506 |
| GS–5 . . . . . . | 7,319 | 7,563 | 7,807 | 8,051 | 8,295 | 8,539 | 8,783 | 9,027 | 9,271 | 9,515 |
| GS–6 . . . . . . | 8,153 | 8,425 | 8,697 | 8,969 | 9,241 | 9,513 | 9,785 | 10,057 | 10,329 | 10,601 |
| GS–7 . . . . . . | 9,053 | 9,355 | 9,657 | 9,959 | 10,261 | 10,563 | 10,865 | 11,167 | 11,469 | 11,771 |
| GS–8 . . . . . . | 10,013 | 10,347 | 10,681 | 11,015 | 11,349 | 11,683 | 12,017 | 12,351 | 12,685 | 13,019 |
| GS–9 . . . . . . | 11,046 | 11,414 | 11,782 | 12,150 | 12,518 | 12,886 | 13,254 | 13,622 | 13,990 | 14,358 |
| GS–10 . . . . . | 12,151 | 12,556 | 12,961 | 13,366 | 13,771 | 14,176 | 14,581 | 14,986 | 15,391 | 15,796 |
| GS–11 . . . . . | 13,309 | 13,753 | 14,197 | 14,641 | 15,085 | 15,529 | 15,973 | 16,417 | 16,861 | 17,305 |
| GS–12 . . . . . | 15,866 | 16,395 | 16,924 | 17,453 | 17,982 | 18,511 | 19,040 | 19,569 | 20,098 | 20,627 |
| GS–13 . . . . . | 18,737 | 19,362 | 19,987 | 20,612 | 21,237 | 21,862 | 22,487 | 23,112 | 23,737 | 24,362 |
| GS–14 . . . . . | 21,960 | 22,692 | 23,424 | 24,156 | 24,888 | 25,620 | 26,352 | 27,084 | 27,816 | 28,548 |
| GS–15 . . . . . | 25,583 | 26,436 | 27,289 | 28,142 | 28,995 | 29,848 | 30,701 | 31,554 | 32,407 | 33,260 |
| GS–16 . . . . . | 29,678 | 30,667 | 31,656 | 32,645 | 33,634 | 34,623 | 35,612 | 36,601[b] | 37,590[b] | |
| GS–17 . . . . . | 34,335 | 35,480 | 36,625[b] | 37,770[b] | 38,915[b] | | | | | |
| GS–18 . . . . . | 39,693[b] | | | | | | | | | |

SOURCE: U.S. Civil Service Commission. *Classification Act of 1949, Amended.*

[a] Annual increases are granted through Step 4. Intervals of two years are required for Steps 5, 6, and 7, and three years for Steps 8 and 9, or 17 years to reach maximum.

[b] Limited at present to $36,000.

TABLE 53.–AVERAGE SALARIES OF FEDERAL CLASSIFIED EMPLOYEES COMPARED WITH AVERAGE SALARIES OF TEACHERS, SELECTED YEARS 1960 THROUGH 1970

| GS–Grade | Average salaries of federal classified employees:[a] | | | | | | | Percent increase, 1970 over 1960 |
|---|---|---|---|---|---|---|---|---|
| | July 1960 | July 1962 | July 1964 | July 1966 | July 1968 | July 1969 | July 1970 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 . . . . . . . . . . . . . . . . . . | $ 3,540 | $ 3,474 | $ 3,752 | $ 3,750 | $ 3,994 | $ 4,012 | $ 4,209 | 18.9 |
| 2 . . . . . . . . . . . . . . . . . . | 3,762 | 3,712 | 3,983 | 4,067 | 4,370 | 4,534 | 4,823 | 28.2 |
| 3 . . . . . . . . . . . . . . . . . . | 4,111 | 4,079 | 4,551 | 4,758 | 5,010 | 5,391 | 5,728 | 39.3 |
| 4 . . . . . . . . . . . . . . . . . . | 4,455 | 4,444 | 5,125 | 5,474 | 5,784 | 6,226 | 6,615 | 48.5 |
| 5 . . . . . . . . . . . . . . . . . . | 4,921 | 4,932 | 5,652 | 6,057 | 6,513 | 7,036 | 7,481 | 52.0 |
| 6 . . . . . . . . . . . . . . . . . . | 5,401 | 5,490 | 6,297 | 6,776 | 7,286 | 7,964 | 8,445 | 56.4 |
| 7 . . . . . . . . . . . . . . . . . . | 5,893 | 5,884 | 6,688 | 7,164 | 7,735 | 8,523 | 9,063 | 53.8 |
| 8 . . . . . . . . . . . . . . . . . . | 6,411 | 6,430 | 7,476 | 8,099 | 8,802 | 9,710 | 10,306 | 60.8 |
| 9 . . . . . . . . . . . . . . . . . . | 6,931 | 6,945 | 7,973 | 8,576 | 9,388 | 10,340 | 11,026 | 59.1 |
| 10 . . . . . . . . . . . . . . . . . | 7,476 | 7,492 | 8,836 | 9,582 | 10,580 | 11,679 | 12,366 | 65.4 |
| 11 . . . . . . . . . . . . . . . . . | 8,107 | 8,133 | 9,386 | 10,142 | 11,245 | 12,409 | 13,226 | 63.1 |
| 12 . . . . . . . . . . . . . . . . . | 9,555 | 9,451 | 11,101 | 11,999 | 13,399 | 14,802 | 15,770 | 65.0 |
| 13 . . . . . . . . . . . . . . . . . | 11,262 | 11,132 | 13,087 | 14,191 | 15,921 | 17,552 | 18,691 | 66.0 |
| 14 . . . . . . . . . . . . . . . . . | 12,818 | 12,679 | 15,362 | 16,740 | 18,806 | 20,659 | 21,961 | 71.3 |
| 15 . . . . . . . . . . . . . . . . . | 14,443 | 14,356 | 17,975 | 19,569 | 22,179 | 24,346 | 25,913 | 79.4 |
| 16 . . . . . . . . . . . . . . . . . | 15,648 | 15,662 | 20,744 | 22,253 | 25,660 | 28,446 | 30,265 | 93.4 |
| 17 . . . . . . . . . . . . . . . . . | 16,863 | 16,846 | 22,967 | 24,789 | 27,731 | 31,829 | 33,700 | 99.8 |
| 18 . . . . . . . . . . . . . . . . . | 18,500 | 18,500 | 24,500 | 25,890 | 28,000 | 33,495 | 35,505 | 91.9 |
| Average salary[b] . . . . . . . | 5,946 | 6,450 | 7,267 | 7,841 | 8,746 | 9,442 | 10,597 | 78.2 |
| Average salary paid classroom teachers[c] . . . . | 5,088 | 5,587 | 6,062 | 6,600 | 7,599 | 8,180 | 8,846 | 73.9 |

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics *Current Wage Developments*, No. 284, September 1971.

[a] Average salaries were obtained by weighting each salary step within the grade by the number of employees at that step.

[b] Average salary from *Survey of Current Business*, various issues; average for civilian employees of federal government.

[c] On calendar-year basis; computed by NEA Research Division.

### TABLE 54.–MEAN BASIC SALARIES OF CERTIFIED ENGINEERING TECHNICIANS, 1970[a], BY LEVEL OF CERTIFICATION AND INDUSTRY CLASSIFICATION

| Industry | Total technicians |  |  | Supervisors |  |  | Non-supervisors |  |  |
|---|---|---|---|---|---|---|---|---|---|
|  | Junior technician | Technician | Senior technician | Junior technician | Technician | Senior technician | Junior technician | Technician | Senior technician |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| All industries | $8,119 | $10,090 | $11,403 | $9,043 | $10,587 | $11,772 | $7,867 | $ 9,733 | $11,014 |
| Aerospace | 8,605 | 10,326 | 11,398 | ... | 11,753 | 12,803 | 8,595 | 10,098 | 10,796 |
| Chemical–petroleum | 8,577 | 10,473 | 11,812 | 9,340 | 11,235 | 12,414 | 8,410 | 10,116 | 11,384 |
| Electrical–electronics | 8,182 | 10,453 | 11,314 | 9,502 | 11,427 | 12,124 | 7,804 | 10,059 | 10,763 |
| Metals–machinery | 8,485 | 10,436 | 11,157 | 10,158 | 11,752 | 11,453 | 8,081 | 9,618 | 10,935 |
| Public utilities | 8,678 | 10,150 | 11,117 | 9,286 | 10,566 | 11,459 | 8,473 | 9,898 | 10,837 |
| Construction–consulting | 8,157 | 10,142 | 11,417 | 9,218 | 10,630 | 11,815 | 7,760 | 9,547 | 10,608 |
| Education–research | 8,210 | 9,977 | 10,592 | 8,628 | 11,364 | 11,143 | 8,127 | 9,415 | 10,062 |
| Federal government | 7,757 | 10,422 | 12,184 | 8,411 | 10,856 | 12,751 | 7,603 | 10,226 | 11,755 |
| State and local governments | 7,401 | 9,400 | 10,599 | 7,887 | 9,789 | 10,837 | 7,285 | 8,915 | 10,074 |

SOURCE: Engineering Manpower Commission of Engineers Joint Council. *Salaries and Income of Certified Engineering Technicians, 1970.* New York: the Commission, September 1970. p. 28-32. Used with permission.

[a] Certified according to standards established by the Institute for the Certification of Engineering Technicians (ICET).

### TABLE 55.–MEAN BASIC SALARIES OF CERTIFIED ENGINEERING TECHNICIANS, 1970*, BY LEVEL OF EDUCATION

| Industry | Total technicians |  |  |  | Supervisors |  |  |  | Non-supervisors |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | High-school graduate | Post high school | Associate degree | Bachelor's degree or above | High-school graduate | Post high school | Associate degree | Bachelor's degree or above | High-school graduate | Post high school | Associate degree | Bachelor's degree or above |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| All industries | $ 9,851 | $10,258 | $ 9,999 | $10,667 | $10,405 | $10,992 | $11,020 | $11,484 | $ 9,418 | $ 9,738 | $ 9,417 | $ 9,904 |
| Aerospace | 10,126 | 10,180 | 10,411 | 10,833 | ... | 11,178 | 12,720 | ... | 9,705 | 9,950 | 9,972 | 9,900 |
| Chemical-petroleum | 10,780 | 10,979 | 10,266 | 10,174 | 12,490 | 11,658 | 11,061 | 11,442 | 9,842 | 10,619 | 9,985 | 8,906 |
| Electrical-electronics | 10,151 | 10,302 | 9,560 | 11,087 | 11,865 | 11,384 | 10,833 | 11,483 | 9,060 | 9,904 | 9,105 | 10,656 |
| Metals-machinery | 10,091 | 10,333 | 10,051 | 11,008 | 10,841 | 11,456 | 11,507 | 12,109 | 9,547 | 9,692 | 9,338 | 10,347 |
| Public utilities | 10,126 | 10,115 | 9,966 | 10,149 | 10,303 | 10,379 | 10,828 | 11,010 | 9,961 | 9,977 | 9,470 | 9,739 |
| Construction-consulting | 9,468 | 9,940 | 10,058 | 10,641 | 10,399 | 10,750 | 11,059 | 11,302 | 8,512 | 9,205 | 9,009 | 9,585 |
| Education-research | 9,683 | 9,661 | 9,626 | 10,993 | 10,803 | 10,525 | 10,593 | 12,182 | 9,228 | 9,299 | 9,135 | 9,742 |
| Federal government | 10,664 | 11,223 | 10,585 | 11,232 | 10,802 | 12,123 | 12,059 | 11,952 | 10,597 | 10,618 | 9,947 | 10,813 |
| State and local governments | 9,188 | 9,528 | 9,429 | 9,959 | 9,825 | 10,229 | 10,023 | 10,689 | 8,429 | 8,719 | 8,872 | 8,681 |

SOURCE: Engineering Manpower Commission of Engineers Joint Council. *Salaries and Income of Certified Engineering Technicians, 1970.* New York: the Commission, September 1970. p. 33-37.

*Certified according to standards established by the Institute for the Certification of Engineering Technicians (ICET).

### TABLE 56.–MEDIAN EARNINGS OF YEAR-ROUND FULL-TIME CIVILIAN WORKERS 14 YEARS OLD AND OVER, SELECTED YEARS, 1960 TO 1970
### MEN

| Occupation group–men | Median annual earnings | | | | | | | | Percent change, 1970 over 1969 |
|---|---|---|---|---|---|---|---|---|---|
| | 1960 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Total–all men workers | $ 5,417 | $ 6,195 | $ 6,375 | $ 6,848 | $ 7,182 | $ 7,664 | $ 8,668 | $ 8,966 | 3.4 |
| PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS | 7,115 | 8,543 | 8,459 | 9,205 | 9,782 | 10,542 | 11,750 | 12,255 | 4.3 |
| Self-employed | 10,858 | 13,257 | 11,799 | 14,880 | 14,631 | 17,358 | 20,279 | 20,031 | –1.2 |
| Salaried | 6,954 | 8,262 | 8,269 | 8,958 | 9,569 | 10,243 | 11,427 | 11,937 | 4.5 |
| Engineers, technical | 8,740 | 10,467 | 10,375 | 11,218 | 11,697 | 12,359 | 13,501 | 14,254 | 5.6 |
| Teachers, elementary and secondary schools | 6,063 | 6,677 | 7,077 | 7,629 | 7,865 | 8,779 | 9,988 | 9,883 | –1.1 |
| Other salaried workers | 6,643 | 7,746 | 7,879 | 8,519 | 9,260 | 9,784 | 10,856 | 11,459 | 5.6 |
| FARMERS AND FARM MANAGERS | 2,004 | 2,348 | 3,098 | 3,547 | 3,264 | 3,353 | 4,108 | 3,881 | –5.5 |
| MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM | 6,648 | 7,567 | 7,895 | 8,826 | 9,360 | 9,794 | 11,015 | 11,665 | 5.9 |
| Self-employed | 5,258 | 5,997 | 6,765 | 6,662 | 7,278 | 7,409 | 7,830 | 7,767 | –0.8 |
| In retail trade | 4,757 | 5,381 | 5,983 | 6,114 | 6,345 | 6,801 | 7,520 | 7,272 | –3.3 |
| Other self-employed | 5,950 | 6,629 | 7,417 | 7,196 | 8,009 | 8,250 | 8,231 | 8,429 | 2.4 |
| Salaried | 7,472 | 8,476 | 8,531 | 9,465 | 9,881 | 10,661 | 11,849 | 12,597 | 6.3 |
| CLERICAL AND KINDRED WORKERS | 5,291 | 6,182 | 6,280 | 6,542 | 6,753 | 7,324 | 7,942 | 8,652 | 8.9 |
| SALES WORKERS | 5,842 | 6,918 | 7,226 | 7,553 | 7,754 | 8,292 | 9,233 | 9,765 | 5.8 |
| In retail trade | 4,760 | 5,746 | 6,077 | 6,150 | 6,264 | 6,915 | 7,436 | 7,633 | 2.6 |
| Other sales workers | 6,512 | 7,525 | 7,721 | 8,294 | 8,654 | 9,116 | 10,372 | 10,853 | 4.6 |
| CRAFTSMEN, FOREMEN, AND KINDRED WORKERS | 5,826 | 6,533 | 6,751 | 7,161 | 7,458 | 7,958 | 8,741 | 9,253 | 5.9 |
| Foremen | 6,796 | 7,257 | 7,681 | 8,104 | 8,721 | 9,051 | 9,792 | 10,531 | 7.5 |
| Draftsmen | 5,670 | 6,386 | 6,583 | 6,981 | 7,227 | 7,759 | 8,507 | 9,051 | 6.4 |
| In construction | 5,900 | 6,543 | 6,713 | 7,183 | 7,461 | 7,880 | 8,689 | 9,494 | 9.3 |
| Other craftsmen | 5,634 | 6,348 | 6,562 | 6,937 | 7,172 | 7,737 | 8,467 | 8,948 | 5.7 |
| OPERATIVES AND KINDRED WORKERS | 4,997 | 5,704 | 5,782 | 6,135 | 6,311 | 6,773 | 7,324 | 7,644 | 4.4 |
| In durable goods manufacturing | 5,212 | 5,931 | 6,137 | 6,449 | 6,550 | 7,113 | 7,520 | 7,710 | 2.5 |
| In nondurable goods manufacturing | 4,554 | 5,598 | 5,628 | 5,728 | 5,964 | 6,349 | 6,996 | 7,292 | 4.2 |
| Other operative and kindred workers | 4,915 | 5,521 | 5,543 | 6,008 | 6,203 | 6,627 | 7,252 | 7,753 | 6.9 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD | 4,088 | 4,685 | 4,874 | 5,117 | 5,472 | 5,898 | 6,333 | 6,964 | 10.0 |
| Waiters, cooks, and bartenders | 4,010 | 4,318 | 4,880 | 4,491 | ... | ... | ... | ... | ... |
| Other service workers | 4,100 | 4,803 | 4,868 | 5,210 | ... | ... | ... | ... | ... |
| FARM LABORERS AND FOREMEN | 1,686 | 2,032 | 2,274 | 2,576 | 2,577 | 2,870 | 3,051 | 3,355 | 10.0 |
| LABORERS, EXCEPT FARM AND MINE | 4,017 | 4,319 | 4,651 | 5,133 | 5,331 | 5,606 | 6,024 | 6,462 | 7.3 |

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P-60, various numbers.

## TABLE 57.–MEDIAN EARNINGS OF YEAR-ROUND FULL-TIME CIVILIAN WORKERS 14 YEARS OLD AND OVER, SELECTED YEARS, 1960 TO 1970
## WOMEN

| Occupation group–women | Median annual earnings 1960 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | Percent change, 1970 over 1969 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| TOTAL–All women workers | $3,293 | $3,690 | $3,823 | $3,973 | $4,150 | $4,457 | $5,077 | $5,323 | 4.8 |
| PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS | 4,358 | 5,132 | 5,514 | 5,779 | 6,324 | 6,610 | 7,308 | 7,850 | 7.4 |
| Salaried | 4,365 | 5,126 | 5,545 | 5,804 | 6,328 | 6,634 | 7,312 | 7,856 | 7.4 |
| Medical and other health workers | 4,078 | 4,615 | 5,079 | 5,307 | ... | ... | ... | ... | ... |
| Teachers, elementary and secondary schools | 4,581 | 5,183 | 5,653 | 5,910 | 6,377 | 6,630 | 7,233 | 7,856 | 8.6 |
| Other salaried workers | 4,709 | 5,455 | 5,833 | 6,164 | 6,237 | 6,631 | 7,362 | 7,821 | 6.2 |
| FARMERS AND FARM MANAGERS | ... | ... | ... | ... | 1,896 | ... | ... | ... | ... |
| MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM | 3,514 | 3,720 | 4,202 | 4,472 | 4,973 | 5,101 | 5,847 | 6,369 | 8.9 |
| Self-employed | 1,800 | 2,560 | 2,171 | 2,306 | 3,104 | 3,384 | 3,617 | 3,611 | –0.2 |
| In retail trade | ... | ... | ... | 2,230 | 2,577 | 3,291 | 3,450 | 3,448 | –0.1 |
| Other self-employed | ... | ... | ... | ... | 4,124 | 3,731 | 3,791 | ... | ... |
| Salaried | 4,220 | 4,729 | 4,655 | 5,101 | 5,427 | 5,466 | 6,226 | 6,885 | 10.6 |
| CLERICAL AND KINDRED WORKERS | 3,575 | 4,050 | 4,223 | 4,315 | 4,499 | 4,778 | 5,161 | 5,539 | 7.3 |
| Secretaries, stenographers, and typists | 3,744 | 4,243 | 4,436 | 4,419 | 4,732 | 4,921 | 5,364 | 5,668 | 5.7 |
| Other clerical and kindred workers | 3,475 | 3,926 | 4,094 | 4,233 | 4,340 | 4,693 | 5,024 | 5,446 | 8.4 |
| SALES WORKERS | 2,389 | 2,723 | 2,930 | 3,066 | 3,244 | 3,388 | 3,708 | 4,174 | 12.6 |
| In retail trade | 2,328 | 2,559 | 2,814 | 3,002 | 3,145 | 3,265 | 3,559 | 3,874 | 8.9 |
| Other sales workers | ... | ... | ... | 4,153 | 4,349 | 4,681 | 4,925 | 5,967 | 21.2 |
| CRAFTSMEN, FOREMEN, AND KINDRED WORKERS | ... | ... | 3,826 | 4,213 | $3,760 | 4,315 | 4,957 | 4,955 | –0.1 |
| Foremen | ... | ... | ... | 4,250 | 4,261 | 4,484 | 5,265 | 5,223 | –0.8 |
| Craftsmen | ... | ... | ... | 4,161 | 3,371 | 4,155 | 4,485 | 4,772 | 6.4 |
| OPERATIVES AND KINDRED WORKERS | 2,969 | 3,247 | 3,273 | 3,387 | 3,631 | 3,956 | 4,301 | 4,465 | 3.8 |
| In durable goods manufacturing | 3,572 | 4,016 | 3,897 | 3,936 | 4,152 | 4,518 | 4,996 | 5,055 | 1.2 |
| In nondurable goods manufacturing | 2,740 | 3,178 | 3,149 | 3,276 | 3,498 | 3,843 | 4,018 | 4,242 | 5.6 |
| Other operative and kindred workers | 2,485 | 2,564 | 2,746 | 3,010 | 3,183 | 3,331 | 3,739 | 3,842 | 2.8 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRIVATE HOUSEHOLD WORKERS | 1,156 | 1,149 | 1,238 | 1,334 | 1,300 | 1,464 | 1,706 | 1,990 | 16.6 |
| SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD | 2,340 | 2,533 | 2,702 | 2,695 | 2,903 | 3,159 | 3,632 | 3,875 | 6.7 |
| Waiters, cooks, and bartenders | 2,229 | 2,258 | 2,301 | 2,490 | ... | ... | ... | ... | ... |
| Other service workers | 2,407 | 2,702 | 2,878 | 2,829 | ... | ... | ... | ... | ... |
| LABORERS, EXCEPT FARM AND MINE | ... | ... | ... | ... | 3,184 | 3,490 | ... | 4,375 | ... |

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P-60, various numbers.

### TABLE 58.–MEDIAN EARNINGS OF YEAR-ROUND WORKERS, 1959 AND 1969, METROPOLITAN AND NONMETROPOLITAN AREAS

(in 1969 dollars)

| Occupation group | Metropolitan area* | | | Nonmetropolitan area | | |
|---|---|---|---|---|---|---|
| | 1969 | 1959 | Percent change, 1969 over 1959 | 1969 | 1959 | Percent change, 1969 over 1959 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| MALE | | | | | | |
| Professional and managerial workers | $11,407 | $9,229 | 23.6 | $9,548 | $7,445 | 28.2 |
| Clerical and sales workers | 8,182 | 6,744 | 21.3 | 7,380 | 5,980 | 23.4 |
| Craftsmen and foremen | 9,162 | 7,358 | 24.5 | 7,733 | 6,359 | 21.6 |
| Operatives | 7,673 | 6,369 | 20.5 | 6,423 | 5,436 | 18.2 |
| Nonfarm laborers | 6,122 | 5,402 | 13.3 | 4,718 | 4,207 | 12.1 |
| Service workers (except household) | 6,197 | 5,369 | 15.4 | 5,071 | 4,256 | 19.1 |
| Total | $ 8,855 | $6,988 | 26.7 | $7,415 | $6,005 | 23.5 |
| FEMALE | | | | | | |
| Professional and managerial workers | $6,928 | $5,468 | 26.7 | $6,139 | $4,212 | 45.8 |
| Clerical and sales workers | 4,945 | 4,417 | 12.0 | 4,148 | 3,580 | 15.9 |
| Craftsmen and foremen | 5,044 | 4,346 | 16.1 | [a] | [a] | [a] |
| Operatives | 4,339 | 3,810 | 13.9 | 4,018 | 3,253 | 23.5 |
| Private household workers | 1,216 | 1,392 | −12.6 | 837 | 772 | 8.4 |
| Other service workers | 3,345 | 2,774 | 20.6 | 2,659 | 1,987 | 33.8 |
| Total | $4,853 | $4,110 | 18.1 | $4,633 | $3,211 | 25.6 |

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Trends in Social and Economic Conditions in Metropolitan and Nonmetropolitan Areas.* Series P–23. No. 37. Washington, D.C.: Government Printing Office, June 24, 1971.

*Standard metropolitan statistical areas as of 1960, in order to present data from the 1960 census comparable to that for the 1970 CPS.

[a] Not computed.

## TABLE 59.–MEDIAN EARNINGS OF WOMEN WORKERS AS A PERCENT OF MEDIAN EARNINGS OF MEN WORKERS, SELECTED OCCUPATIONAL GROUPS, 1960 TO 1970

| Occupational group | Ratio of median earnings of women workers to that of men workers | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1960 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| TOTAL–All occupational groups | 60.8 | 59.6 | 60.0 | 58.0 | 57.8 | 58.2 | 58.6 | 59.4 |
| PROFESSIONAL, TECHNICAL AND KINDRED WORKERS SALARIED | 62.8 | 62.0 | 67.1 | 64.8 | 66.1 | 64.8 | 64.0 | 64.1 |
| Teachers, elementary and secondary | 75.6 | 77.6 | 79.9 | 77.5 | 81.1 | 75.5 | 72.4 | 79.5 |
| Other salaried workers | 70.9 | 70.4 | 74.0 | 72.4 | 67.4 | 67.8 | 67.8 | 68.3 |
| CLERICAL AND KINDRED WORKERS | 67.6 | 65.5 | 67.2 | 66.0 | 66.6 | 65.2 | 65.0 | 64.0 |
| Other clerical and kindred workers | 65.8 | 63.5 | 65.1 | 64.7 | 64.3 | 64.1 | 63.4 | 62.9 |
| SALES WORKERS | 40.9 | 39.4 | 40.5 | 40.6 | 41.8 | 40.9 | 40.2 | 42.7 |
| In retail trade | 48.9 | 44.5 | 46.3 | 48.8 | 50.2 | 47.2 | 47.9 | 50.8 |
| Other sales workers | ... | ... | ... | 50.1 | 50.3 | 51.3 | 47.5 | 55.0 |
| OPERATIVES AND KINDRED WORKERS | 59.4 | 56.9 | 56.6 | 55.2 | 57.5 | 58.4 | 58.7 | 58.4 |
| SERVICE WORKERS (except private household) | 57.2 | 54.1 | 55.4 | 52.7 | 53.1 | 53.6 | 57.4 | 55.6 |

SOURCE: Computed from data in Tables 56 and 57.

## TABLE 60.–TOTAL MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS BY YEARS OF SCHOOL COMPLETED, 1970

| Years of School completed | Men | | Women | |
|---|---|---|---|---|
| | Mean income | Median income | Mean income | Median income |
| 1 | 2 | 3 | 4 | 5 |
| ELEMENTARY SCHOOL: | | | | |
| Total | $ 7,245 | $ 6,794 | $4,084 | $4,005 |
| Less than 8 years | 6,431 | 6,043 | 3,831 | 3,798 |
| 8 years | 7,947 | 7,535 | 4,277 | 4,181 |
| HIGH SCHOOL: | | | | |
| Total | 9,727 | 9,232 | 5,578 | 5,348 |
| 1 to 3 years | 8,917 | 8,514 | 4,868 | 4,655 |
| 4 years | 10,080 | 9,567 | 5,820 | 5,580 |
| COLLEGE: | | | | |
| Total | 14,334 | 12,633 | 8,035 | 7,657 |
| 1 to 3 years | 12,111 | 11,183 | 6,950 | 6,604 |
| 4 years | 14,675 | 13,264 | 8,439 | 8,156 |
| 5 or more years | 17,515 | 14,747 | 9,683 | 9,581 |
| Total | $10,697 | $9,521 | $6,046 | $5,616 |

SOURCE: Bureau of the Census, Series P-60 No. 80. October 4, 1971. *Income in 1970 of Families and Persons in the United States.*

## TABLE 61.–MEAN ANNUAL SALARIES OF PROFESSIONAL SCIENTIFIC AND TECHNICAL PERSONNEL IN THE FEDERAL GOVERNMENT, 1967, 1968, AND 1969, BY SEX, SELECTED OCCUPATIONAL GROUPS

| Occupational group | 1967 mean salary | | | 1968 mean salary | | | 1969 mean salary | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | Men* | Women | Total | Men* | Women | Total | Men* | Women |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Scientists and engineers–Total | $13,198 | $13,302 | $10,894 | $14,361 | $14,478 | $11,768 | $15,977 | $16,096 | $13,241 |
| Scientists | 12,569 | 12,729 | 10,819 | 13,677 | 13,859 | 11,680 | 15,277 | 15,462 | 13,166 |
| Physical sciences | 13,710 | 13,921 | 10,635 | 14,993 | 15,209 | 11,708 | 16,730 | 16,980 | 13,084 |
| Chemistry | 12,475 | 12,885 | 10,229 | 13,621 | 14,062 | 11,216 | 15,197 | 15,656 | 12,623 |
| Geology | 12,813 | 12,905 | 11,151 | 13,956 | 14,068 | 11,912 | 15,856 | 15,980 | 13,531 |
| Physics | 13,847 | 13,902 | 12,020 | 14,994 | 15,042 | 13,254 | 16,688 | 16,746 | 14,675 |
| Mathematics and statistics | 12,435 | 12,842 | 11,036 | 13,943 | 14,516 | 11,539 | 16,089 | 16,625 | 13,608 |
| Mathematics | 11,627 | 11,963 | 10,592 | 12,153 | 12,592 | 10,764 | 14,475 | 14,873 | 13,082 |
| Mathematical statistician | 13,635 | 14,143 | 11,179 | 14,494 | 15,068 | 12,026 | 15,891 | 16,445 | 13,417 |
| Statistics | 13,511 | 13,916 | 11,943 | 14,580 | 15,058 | 12,745 | 16,158 | 16,655 | 14,207 |
| Biological sciences | 11,006 | 11,052 | 10,094 | 11,867 | 11,918 | 10,808 | 13,243 | 13,295 | 12,106 |
| General biological sciences | 12,576 | 13,254 | 9,165 | 13,459 | 14,162 | 9,971 | 15,099 | 15,829 | 11,233 |
| Microbiology | 11,900 | 12,609 | 10,163 | 12,919 | 13,638 | 11,015 | 14,781 | 15,598 | 12,485 |
| Other biological sciences | 11,202 | 11,335 | 10,622 | 12,074 | 12,241 | 11,253 | 12,182 | 12,190 | 12,120 |
| Social sciences: | | | | | | | | | |
| Economics | 14,403 | 14,658 | 12,359 | 15,448 | 15,749 | 13,127 | 17,303 | 17,631 | 14,753 |
| History | 12,103 | 12,586 | 10,112 | 12,713 | 13,282 | 10,453 | 14,089 | 14,800 | 11,198 |
| Social sciences | 13,078 | 13,733 | 11,372 | 14,116 | 14,770 | 12,461 | 15,682 | 16,527 | 13,685 |
| Geography and cartography | 10,787 | 10,930 | 9,373 | 12,356 | 12,488 | 11,020 | 12,869 | 13,027 | 11,263 |
| Psychology | 13,830 | 14,205 | 11,596 | 15,270 | 15,611 | 13,238 | 17,160 | 17,453 | 15,234 |
| Engineers | 13,787 | 13,796 | 12,073 | 15,006 | 15,016 | 13,114 | 16,637 | 16,648 | 14,407 |
| Health personnel | 11,323 | 14,624 | 8,834 | 12,047 | 15,572 | 9,340 | 13,469 | 17,376 | 10,499 |
| Nurse | 8,502 | 9,508 | 8,475 | 8,945 | 10,068 | 8,914 | 10,080 | 11,202 | 10,048 |

INDEX: MEAN SALARY OF WOMEN = 100.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Scientists and engineers–Total | 121.1 | 122.1 | 100.0 | 122.0 | 123.0 | 100.0 | 120.7 | 121.6 | 100.0 |
| Scientists | 116.2 | 117.7 | 100.0 | 117.1 | 118.7 | 100.0 | 116.0 | 117.4 | 100.0 |
| Physical sciences | 128.9 | 130.9 | 100.0 | 128.1 | 129.9 | 100.0 | 127.9 | 129.8 | 100.0 |
| Chemistry | 122.0 | 126.0 | 100.0 | 121.4 | 125.4 | 100.0 | 120.4 | 124.0 | 100.0 |
| Geology | 114.9 | 115.7 | 100.0 | 117.2 | 118.1 | 100.0 | 117.2 | 118.1 | 100.0 |
| Physics | 115.2 | 115.7 | 100.0 | 113.1 | 113.5 | 100.0 | 113.7 | 114.1 | 100.0 |
| Mathematics and statistics | 112.7 | 116.4 | 100.0 | 120.8 | 125.8 | 100.0 | 118.2 | 122.2 | 100.0 |
| Mathematics | 109.8 | 112.9 | 100.0 | 112.9 | 117.0 | 100.0 | 110.6 | 113.7 | 100.0 |
| Mathematical statistician | 122.0 | 126.5 | 100.0 | 120.5 | 125.3 | 100.0 | 118.4 | 122.6 | 100.0 |
| Statistics | 113.1 | 116.5 | 100.0 | 114.4 | 118.1 | 100.0 | 113.7 | 117.2 | 100.0 |
| Biological sciences | 109.0 | 109.5 | 100.0 | 109.8 | 110.3 | 100.0 | 109.4 | 109.8 | 100.0 |
| General biological sciences | 137.2 | 144.6 | 100.0 | 135.0 | 142.0 | 100.0 | 134.4 | 140.9 | 100.0 |
| Microbiology | 117.1 | 124.1 | 100.0 | 117.3 | 123.8 | 100.0 | 118.4 | 124.9 | 100.0 |
| Other biological sciences | 105.5 | 106.7 | 100.0 | 107.3 | 108.8 | 100.0 | 100.5 | 100.6 | 100.0 |
| Social sciences: | | | | | | | | | |
| Economics | 116.5 | 118.6 | 100.0 | 117.7 | 120.0 | 100.0 | 117.3 | 119.5 | 100.0 |
| History | 119.7 | 124.5 | 100.0 | 121.6 | 127.1 | 100.0 | 125.8 | 132.2 | 100.0 |
| Social sciences | 115.0 | 120.8 | 100.0 | 113.3 | 118.5 | 100.0 | 114.6 | 120.8 | 100.0 |
| Geography and cartography | 115.1 | 116.6 | 100.0 | 112.1 | 113.3 | 100.0 | 114.3 | 115.7 | 100.0 |
| Psychology | 119.3 | 122.5 | 100.0 | 115.3 | 117.9 | 100.0 | 112.6 | 114.8 | 100.0 |
| Engineers | 114.2 | 114.3 | 100.0 | 114.4 | 114.5 | 100.06 | 115.5 | 115.6 | 100.0 |
| Health personnel | 128.2 | 165.5 | 100.0 | 129.0 | 166.7 | 100.0 | 128.3 | 165.5 | 100.0 |
| Nurse | 100.3 | 112.2 | 100.0 | 100.3 | 112.9 | 100.0 | 100.3 | 111.5 | 100.0 |

SOURCE: National Science Foundation. *Scientific and Technical Personnel in the Federal Government*. NSF 69-26, NSF 70-24, and NSF 70-44. Washington, D.C.: Government Printing Office, 1969 and 1970.

*Calculated by the NEA Research Division.

**TABLE 62.–AVERAGE SALARIES PAID LIBRARIANS, 1970, BY HIGHEST DEGREE HELD AND BY SEX**

| Highest degree held | Average salary paid, 1970<br>All respondents | Men | Women |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| Bachelor's degree . . . . . . . . . . . . . . . . . . . | $ 9,563 | $11,652 | $ 9,404 |
| Bachelor's in Library Service (5th year) . . | 12,358 | 15,933 | 11,840 |
| Master's in Library Service . . . . . . . . . . . . | 11,553 | 13,403 | 10,812 |
| Master's degree . . . . . . . . . . . . . . . . . . . . . | 12,803 | 14,841 | 11,737 |
| Master's in Library Service and Master of Arts . . . . . . . . . . . . . . . . . . . . . . . . | 12,846 | 13,862 | 11,983 |
| Specialist (6th year) . . . . . . . . . . . . . . . . . | 12,827 | 15,007 | 12,260 |
| Doctor's degree . . . . . . . . . . . . . . . . . . . | 18,513 | 19,649 | 15,492 |
| Average–total respondents[a] . . . . . . . . . . . | **$11,950** | **$14,362** | **$11,056** |

SOURCE: *American Libraries*, Bulletin of the American Library Association, Vol. 2, No. 4, April 1971. p. 413.

[a] Weighted average computed by NEA Research Division from data reported by ALA.

TABLE 63.–AVERAGE SALARY PAID LIBRARIANS, 1970, BY TYPE OF LIBRARY AND HIGHEST DEGREE HELD

| Type of library | Highest degree held | | | | | | |
|---|---|---|---|---|---|---|---|
| | B.A. | B.L.S. (5th year) | M. in L.S. | M.A. | M. in L.S. and M.A. | Specialist (6th year) | Ph.D. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Public library | $ 9,534 | $12,547 | $11,103 | $12,474 | $12,336 | $12,202 | $16,090 |
| School library | 8,809 | 10,711 | 11,052 | 11,579 | 12,432 | 11,839 | 16,204 |
| Special library | 11,797 | 13,646 | 11,734 | 13,609 | 14,105 | ... | 16,089 |
| University library | 10,428 | 12,601 | 11,746 | 13,550 | 12,705 | 12,963 | 19,878 |
| College library | 9,487 | 10,752 | 11,016 | 12,843 | 12,682 | 13,469 | 16,675 |
| Junior college library | 7,935 | 12,422 | 12,013 | 11,854 | 12,375 | 15,667 | 18,544 |
| State library | 11,352 | 14,226 | 12,282 | 13,811 | 14,084 | 13,014 | 16,640 |
| Hospital library | 9,189 | 11,033 | 10,166 | 10,646 | 10,942 | ... | ... |
| Library association | 13,279 | 15,027 | 13,457 | 14,674 | 14,777 | 13,481 | 18,197 |
| Library school | 8,430 | 11,445 | 12,848 | 13,026 | 12,571 | 13,718 | 18,407 |
| Library system headquarters | 10,758 | 12,806 | 12,878 | 14,978 | 14,968 | 13,388 | 24,130 |

SOURCE: *American Libraries*, Bulletin of the American Library Association, Vol. 2, No. 4, April 1971. p. 413.
NOTE: Averages shown are based on responses to questionnaire sent to members of American Library Association.

TABLE 64.–AVERAGE STARTING SALARIES OF PUBLIC-SCHOOL TEACHERS COMPARED WITH THOSE IN PRIVATE INDUSTRY, 1964-65 AND 1966-67 THROUGH 1972-73

| Position or subject field | Average starting salaries | | | | | | | | Percent change, 1972-73 over 1971-72 |
|---|---|---|---|---|---|---|---|---|---|
| | 1964-65 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | 1972-73 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| BEGINNING TEACHERS WITH BACHELOR'S DEGREE | $4,707 | $5,144 | $5,523 | $5,941 | $6,383 | $ 6,850 | $ 7,061 | ... | ... |
| MALE COLLEGE GRADUATES WITH BACHELOR'S DEGREE[a] | | | | | | | | | |
| Engineering | 7,356 | 8,112 | 8,772 | 9,312 | 9,960 | 10,476 | 10,500 | $10,608 | 1.0 |
| Accounting | 6,444 | 7,128 | 7,776 | 8,424 | 9,396 | 10,080 | 10,260 | 10,356 | 0.9 |
| Sales–marketing | 6,072 | 6,744 | 7,044 | 7,620 | 8,088 | 8,580 | 8,736 | 8,904 | 1.9 |
| Business administration | 5,880 | 6,576 | 7,140 | 7,560 | 8,100 | 8,124 | 8,424 | 8,568 | 1.7 |
| Liberal arts | 5,712 | 6,432 | 6,780 | 7,368 | 7,980 | 8,184 | 8,292 | 8,328 | 0.4 |
| Production management | 6,564 | 7,176 | 7,584 | 7,980 | 8,736 | 9,048 | 9,792 | 9,828 | 0.4 |
| Chemistry | 6,972 | 7,500 | 8,064 | 8,520 | 9,27[illegible] | 9,708 | 9,720 | 9,840 | 1.2 |
| Physics | 7,200 | 7,740 | 8,448 | 8,916 | 9,348 | 10,080 | 9,636 | 9,900 | 2.7 |
| Mathematics–statistics | 6,636 | 7,260 | 7,944 | 8,412 | 8,952 | 9,468 | 9,192 | 9,276 | 0.9 |
| Economics–finance | 6,276 | 6,732 | 7,416 | 7,800 | 8,304 | 8,880 | 9,216 | 9,240 | 0.3 |
| Other fields | 6,360 | 7,044 | 7,644 | 7,656 | 8,796 | 9,264 | 8,580 | 8,664 | 1.0 |
| Total–all fields (weighted average) | $6,535 | $7,243 | $7,836 | $8,395 | $8,985 | $ 9,361 | $ 9,534 | $ 9,632 | 1.0 |
| WOMEN COLLEGE GRADUATES WITH BACHELOR'S DEGREE[b] | | | | | | | | | |
| Mathematics–statistics | 6,108 | 6,324 | 7,104 | 7,776 | 8,484 | 8,952 | 9,312 | 9,516 | 2.2 |
| General business | 4,848 | 5,520 | 6,000 | 6,840 | 7,104 | 8,184 | 8,076 | 8,184 | 1.3 |
| Chemistry | 6,468 | 7,056 | 7,452 | 8,280 | 8,532 | 9,180 | 9,744 | 9,816[c] | 0.7 |
| Accounting | 5,664 | 6,768 | 6,984 | 7,716 | 8,304 | 8,952 | 9,516 | 10,224 | 7.4 |
| Home economics | 5,112 | 5,664 | 6,276 | 6,660 | 7,056 | 7,380 | 7,932 | ND | ... |
| Engineering–technical research | 7,224 | 7,260 | 8,208 | 8,904 | 9,672 | 10,128 | 10,608 | 10,560 | –0.5 |
| Economics–finance | 5,448 | 6,000 | 6,636 | 6,984 | 7,224 | 8,400 | 8,400 | ND | ... |

## INDEX RELATIONSHIP TO STARTING SALARIES FOR TEACHERS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BEGINNING TEACHERS WITH BACHELOR'S DEGREE | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | ... | ... |
| MALE COLLEGE GRADUATES WITH BACHELOR'S DEGREE[a] | | | | | | | | | |
| Engineering | 156.3 | 157.7 | 158.8 | 156.7 | 156.0 | 152.9 | 148.7 | ... | ... |
| Accounting | 136.9 | 138.6 | 140.8 | 141.8 | 147.2 | 147.2 | 145.3 | ... | ... |
| Sales–marketing | 129.0 | 131.1 | 127.5 | 128.3 | 126.7 | 125.3 | 123.7 | ... | ... |
| Business administration | 124.9 | 127.8 | 129.3 | 127.3 | 126.9 | 118.6 | 119.3 | ... | ... |
| Liberal arts | 121.4 | 125.0 | 122.8 | 124.0 | 125.0 | 119.5 | 117.4 | ... | ... |
| Production management | 139.5 | 139.5 | 137.3 | 134.3 | 136.9 | 132.1 | 138.7 | ... | ... |
| Chemistry | 148.1 | 145.8 | 146.0 | 143.4 | 145.3 | 141.7 | 137.6 | ... | ... |
| Physics | 153.0 | 150.5 | 153.0 | 150.1 | 146.5 | 147.2 | 136.5 | ... | ... |
| Mathematics–statistics | 141.0 | 141.1 | 143.8 | 141.6 | 140.2 | 138.2 | 130.2 | ... | ... |
| Economics–finance | 133.3 | 130.9 | 134.3 | 131.3 | 130.1 | 129.6 | 130.5 | ... | ... |
| Other fields | 135.1 | 136.9 | 138.4 | 128.9 | 137.8 | 135.2 | 121.5 | ... | ... |
| Total–all fields (weighted average) | 138.8 | 140.8 | 141.9 | 141.3 | 140.8 | 136.7 | 135.0 | ... | ... |
| WOMEN COLLEGE GRADUATES WITH BACHELOR'S DEGREE[b] | | | | | | | | | |
| Mathematics–statistics | 129.8 | 122.9 | 128.6 | 130.9 | 132.9 | 130.7 | 131.9 | ... | ... |
| General business | 103.0 | 107.3 | 108.6 | 115.1 | 111.3 | 119.5 | 114.4 | ... | ... |
| Chemistry | 137.4 | 137.2 | 134.9 | 139.4 | 133.7 | 134.0 | 138.0 | ... | ... |
| Accounting | 120.3 | 131.6 | 126.5 | 129.9 | 130.1 | 130.7 | 134.8 | ... | ... |
| Home economics | 108.6 | 110.1 | 113.6 | 112.1 | 110.5 | 107.7 | 112.3 | ... | ... |
| Engineering–technical research | 153.5 | 141.1 | 148.6 | 149.9 | 151.5 | 147.9 | 150.2 | ... | ... |
| Economics–finance | 115.7 | 116.6 | 120.2 | 117.6 | 113.2 | 122.6 | 119.0 | ... | ... |

[a] From annual reports of Frank S. Endicott, Director of Placement, Northwestern University. Salaries are based on offers made to graduates by approximately 300 companies located throughout the United States. 1972-73 salaries are based on offers made in November 1971 to men who will graduate in June 1972. Salaries for women are based largely on information concerning direct hires of women by many of the same companies.

[b] Computed from data presented in the Endicott reports.

[c] For science graduates.

ND = No data available.

### TABLE 65.—AVERAGE STARTING SALARIES PAID TO MEN JUNE GRADUATES WITH BACHELOR'S DEGREES, 1950 TO 1972[a]

| Year | Engineering | Accounting | Sales-Marketing | General Business Administration |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| 1950 .... | $ 3,120 | $ 2,856 | $2,880 | $2,808 |
| 1951 .... | 3,240 | 2,952 | 2,964 | 2,892 |
| 1952 .... | 3,660 | 3,300 | 3,300 | 3,252 |
| 1953 .... | 3,900 | 3,564 | 3,612 | 3,504 |
| 1954 .... | 4,260 | 3,900 | 3,936 | 3,864 |
| 1955 .... | 4,452 | 4,068 | 4,068 | 4,044 |
| 1956 .... | 4,980 | 4,464 | 4,440 | 4,356 |
| 1957 .... | 5,448 | 4,824 | 4,776 | 4,716 |
| 1958 .... | 5,664 | 5,004 | 4,944 | 4,884 |
| 1959 .... | 5,868 | 5,196 | 5,064 | 4,932 |
| 1960 .... | 6,120 | 5,352 | 5,280 | 5,136 |
| 1961 .... | 6,348 | 5,544 | 5,436 | 5,220 |
| 1962 .... | 6,648 | 5,856 | 5,616 | 5,592 |
| 1963 .... | 7,140 | 6,288 | 5,880 | 5,808 |
| 1964 .... | 7,356 | 6,444 | 6,072 | 5,880 |
| 1965 .... | 7,584 | 6,732 | 6,276 | 6,240 |
| 1966 .... | 8,112 | 7,128 | 6,744 | 6,576 |
| 1967 .... | 8,772 | 7,776 | 7,044 | 7,140 |
| 1968 .... | 9,312 | 8,424 | 7,620 | 7,560 |
| 1969 .... | 9,960 | 9,396 | 8,088 | 8,100 |
| 1970 .... | 10,476 | 10,080 | 8,580 | 8,124 |
| 1971 .... | 10,500 | 10,260 | 8,736 | 8,424 |
| 1972[b] ... | 10,608 | 10,356 | 8,904 | 8,568 |

SOURCE: Endicott, Frank S. *Trends in Employment of College and University Graduates in Business and Industry.* Twenty-Sixth Annual Report. Evanston, Ill.: the Author (Director of Placement, Northwestern University), December 1971. Data for 1971 include reports from 185 corporations which send recruiters to college campuses. Annual salaries calculated by NEA Research Division by conversion of monthly data given in the report.

[a] Average starting salaries for 1950 through 1962 are company averages and do not take into account the number of graduates to be hired. Average starting salaries for 1963 through 1972 are weighted by the number of graduates to be hired.

[b] Estimates of starting salaries made in November 1971 to men who will graduate in June 1972.

## TABLE 66.–AVERAGE STARTING SALARIES FOR WOMEN WITH BACHELOR'S DEGREES EMPLOYED IN 1966 THROUGH 1972

| Position subject field | Average starting salaries[a] | | | | | | | Percent change, 1972 over 1971 |
|---|---|---|---|---|---|---|---|---|
| | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Mathematics-Statistics | $6,324 | $7,104 | $7,776 | $8,484 | $ 8,952 | $ 9,312 | $ 9,516 | 2.2 |
| General Business and Liberal Arts | 5,520 | 6,000 | 6,840 | 7,104 | 8,184 | 8,076 | 8,184 | 1.3 |
| Chemistry | 7,056 | 7,452 | 8,280 | 8,532 | 9,180 | 9,744 | 9,816[b] | 0.7 |
| Accounting | 6,768 | 6,984 | 7,716 | 8,304 | 8,952 | 9,516 | 10,224 | 7.4 |
| Home Economics | 5,664 | 6,276 | 6,660 | 7,056 | 7,380 | 7,932 | N.D. | ... |
| Economics-Finance | 6,000 | 6,636 | 6,984 | 7,224 | 8,400 | 8,400 | N.D. | ... |
| Engineering-Technical Research | 7,260 | 8,208 | 8,904 | 9,672 | 10,128 | 10,608 | 10,560 | –0.5 |
| | | | | INDEX: 1966 = 100.0 | | | | |
| Mathematics-Statistics | 100.0 | 112.3 | 123.0 | 134.2 | 141.6 | 147.2 | 150.5 | ... |
| General Business and Liberal Arts | 100.0 | 108.7 | 123.9 | 128.7 | 148.3 | 146.3 | 148.3 | ... |
| Chemistry | 100.0 | 105.6 | 117.3 | 120.9 | 130.1 | 138.1 | 139.1 | ... |
| Accounting | 100.0 | 103.2 | 114.0 | 122.7 | 132.3 | 140.6 | 151.1 | ... |
| Home Economics | 100.0 | 110.8 | 117.6 | 124.6 | 130.3 | 140.0 | ... | ... |
| Economics-Finance | 100.0 | 110.6 | 116.4 | 120.4 | 140.0 | 140.0 | ... | ... |
| Engineering-Technical Research | 100.0 | 113.1 | 122.6 | 133.2 | 139.5 | 146.1 | 145.5 | ... |

[a] Annual salaries computed by NEA Research Division from monthly salaries reported by Endicott.

[b] For science graduates.

### TABLE 67.–ESTIMATED AVERAGE ANNUAL STARTING SALARIES PAID TO MEN GRADUATES WITH A MASTER'S DEGREE, 1967 TO 1972

| Field | Annual average starting salary* | | | | | | Percent change, 1972 over 1971 |
|---|---|---|---|---|---|---|---|
| | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Engineering | $10,296 | $10,932 | $11,340 | $12,216 | $12,360 | $12,456 | 0.8 |
| Other technical fields | 9,780 | 10,428 | 11,136 | 11,820 | 11,772 | 12,024 | 2.1 |
| MBA with technical B.S. | 10,344 | 11,172 | 12,012 | 12,636 | 13,272 | 13,308 | 0.3 |
| MBA with non-technical B.A. | 9,552 | 10,404 | 11,376 | 12,312 | 12,744 | 12,804 | 0.5 |
| Accounting | 9,096 | 10,428 | 11,232 | 12,240 | 12,552 | 12,588 | 0.3 |
| Other fields | 8,784 | 9,816 | 10,596 | 11,424 | 12,120 | 12,168 | 0.4 |
| Total | $ 9,715 | $10,578 | $11,290 | $12,178 | $12,608 | $12,679 | 0.6 |
| | | | INDEX: 1967 = 100.0** | | | | |
| Engineering | 100.0 | 106.2 | 110.1 | 118.6 | 120.0 | 121.0 | ... |
| Other technical fields | 100.0 | 106.6 | 113.9 | 120.9 | 120.4 | 122.9 | ... |
| MBA with technical B.S. | 100.0 | 108.0 | 116.1 | 122.2 | 128.3 | 128.7 | ... |
| MBA with non-technical B.A. | 100.0 | 108.9 | 119.1 | 128.9 | 133.4 | 134.0 | ... |
| Accounting | 100.0 | 114.6 | 123.5 | 134.6 | 138.0 | 138.4 | ... |
| Other fields | 100.0 | 111.7 | 120.6 | 130.1 | 138.0 | 138.5 | ... |
| Total | 100.0 | 108.9 | 116.2 | 125.4 | 130.0 | 130.5 | ... |

*Annual salaries computed from monthly data reported by Endicott. Annual salaries shown do not allow for possible increases during the first year of employment. 1972 data are based on offers made in November 1971 to men who will graduate in June 1972.

**Computed by NEA Research Division.

TABLE 68.—AVERAGE ANNUAL BEGINNING SALARY OFFERS[a] TO MALE BACHELOR'S DEGREE CANDIDATES, SELECTED YEARS, 1961-62 TO 1970-71, AND FIRST AND SECOND PERIODS OF 1971-72, BY CURRICULUM, FOR SELECTED TYPES OF EMPLOYERS IN BUSINESS AND INDUSTRY

| | | | | | | | | | | First and second periods | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Curriculum field | 1961-62 | 1963-64 | 1964-65 | 1965-66 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | 1970-71 | 1971-72[b] | Percent increase |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Accounting | $5,928 | $6,420 | $6,636 | $7,020 | $7,644 | $8,268 | $ 9,132 | $10,032 | $10,152 | $10,200 | $10,176 | −0.2 |
| Business—general (including management) | 5,604 | 6,084 | 6,360 | 6,852 | 7,356 | 7,812 | 8,244 | 8,652 | 8,592 | 8,604 | 8,844 | 2.8 |
| Engineering | | | | | | | | | | | | |
| Aeronautical | 7,008 | 7,548 | 7,740 | 8,172 | 8,688 | 9,132 | 9,732 | 10,200 | 10,320 | 10,464 | 10,608 | 1.4 |
| Chemical | 6,756 | 7,380 | 7,704 | 8,184 | 8,796 | 9,480 | 10,188 | 10,824 | 11,040 | 11,136 | 11,148 | 0.1 |
| Civil | 6,456 | 7,140 | 7,416 | 7,896 | 8,472 | 9,000 | 9,564 | 10,044 | 10,200 | 10,308 | 10,476 | 1.6 |
| Electrical | 6,996 | 7,488 | 7,692 | 8,148 | 8,736 | 9,288 | 9,912 | 10,428 | 10,524 | 10,500 | 10,632 | 1.3 |
| Industrial | 6,648 | 7,212 | 7,500 | 7,908 | 8,484 | 9,084 | 9,624 | 10,188 | 10,392 | 10,524 | 10,476 | −0.5 |
| Mechanical | 6,768 | 7,368 | 7,620 | 8,040 | 8,640 | 9,216 | 9,840 | 10,404 | 10,572 | 10,632 | 10,644 | 0.1 |
| Humanities and Social Sciences | 5,568[c] | 5,952 | 6,144 | 6,564 | 7,068 | 7,512 | 8,004 | 8,400 | 8,388 | 8,508 | 8,184 | −3.8 |
| Marketing and Distribution | 5,592 | 5,916 | 6,192 | 6,588 | 7,056 | 7,548 | 8,028 | 8,424 | 8,316 | 8,112 | 8,460 | 4.3 |
| Physics, chemistry, and mathematics | 6,684 | 7,056 | 7,308 | 7,704 | 8,292 | 8,736 | 9,408 | 9,708 | 9,528 | 9,528 | 9,660 | 1.4 |
| Chemistry | ... | 6,960 | 7,260 | 7,728 | 8,268 | 8,748 | 9,300 | 9,900 | 9,540 | 9,456 | 9,336 | −1.3 |
| Physics | ... | 7,356 | 7,632 | 7,968 | 8,544 | 9,012 | 9,636 | 9,924 | 9,912 | 9,864 | 9,984 | 1.2 |
| Mathematics | ... | 6,936 | 7,152 | 7,584 | 8,208 | 8,640 | 9,348 | 9,528 | 9,444 | 9,468 | 9,720 | 2.7 |
| All technical | 6,840 | 7,368 | 7,620 | 8,052 | 8,640 | 9,204 | 9,828 | ... | ... | ... | ... | ... |
| All nontechnical[d] | 5,712 | 6,132 | 6,384 | 6,840 | 7,368 | 7,884 | 8,532 | ... | ... | ... | ... | ... |

SOURCE: College Placement Council. *Salary Survey, A Study of Beginning Offers.* Bethlehem, Pa.: the Council, various years 1962 to 1972. Quoted with permission.

[a] Monthly amounts converted to annual salaries by the NEA Research Division. No allowance made for possible increases during first year of employment.

[b] Offers to June 1972 graduates made between September 1, 1971, and February 14, 1972.

[c] This category is now called Humanities and Social Sciences; Biological Sciences were omitted because few offers were reported.

[d] Accounting, Business-General, Humanities and Social Sciences, and Marketing and Distribution.

TABLE 69.–AVERAGE ANNUAL BEGINNING SALARY OFFERS TO INEXPERIENCED* MALE MASTER'S DEGREE CANDIDATES, 1962-63 TO 1970-71, AND FIRST AND SECOND PERIODS, 1971-72, BY CURRICULUM, FOR EMPLOYERS IN BUSINESS AND INDUSTRY

| Curriculum field-graduate program, male graduates with master's degree | 1962-63 | 1963-64 | 1964-65 | 1965-66 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | First and second periods: | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 1970-71** | 1971-72 | Percent increase |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| BUSINESS ADMINISTRATION, INDUSTRIAL MANAGEMENT OR COMMERCE | | | | | | | | | | | | |
| After nontechnical undergraduate degree .......... | $7,296 | $7,848 | $8,100 | $8,700 | $ 9,576 | $10,548 | $11,544 | $12,528 | $12,528 | $12,216 | $12,216 | 0.0 |
| After technical undergraduate degree .......... | 8,304 | 8,616 | 9,048 | 9,588 | 10,428 | 11,256 | 12,324 | 13,344 | 13,332 | 12,900 | 13,068 | 1.3 |
| ENGINEERING | | | | | | | | | | | | |
| Chemical ................. | 8,268 | 8,676 | 9,108 | 9,708 | 10,296 | 11,028 | 11,724 | 12,432 | 12,648 | 12,660 | 12,528 | 1.0 |
| Electrical ................. | 9,012 | 9,228 | 9,360 | 9,792 | 10,416 | 11,004 | 11,604 | 12,180 | 12,216 | 12,156 | 12,192 | 0.3 |
| Mechanical ................ | 8,664 | 8,916 | 9,180 | 9,588 | 10,224 | 10,872 | 11,448 | 12,096 | 12,228 | 12,192 | 12,192 | 0.0 |
| SCIENCES | | | | | | | | | | | | |
| Chemistry ................ | 8,160 | 8,292 | 8,604 | 9,120 | 9,768 | 10,368 | 11,064 | 11,736 | 11,388 | 11,172 | 11,232 | 0.5 |
| Mathematics .............. | 8,436 | 8,484 | 8,868 | 9,276 | 9,816 | 10,440 | 11,160 | 11,508 | 11,244 | 11,796 | 10,248 | –13.1 |
| Physics.................. | 8,568 | 8,628 | 9,132 | 9,312 | 9,816 | 10,572 | 11,196 | 11,820 | 11,148 | 10,212 | 11,196 | 9.6 |

SOURCE: College Placement Council. *Salary Survey, A Study of Beginning Offers.* Bethlehem, Pa.: the Council. 1966 to 1971. Quoted with permission. Monthly salaries converted to annual salaries by NEA Research Division.

*One year or less of full-time, non-military employment.

**Offers to June 1970 graduates made between September 1, 1971, and February 1971.

TABLE 70.–AVERAGE ANNUAL SALARY OFFERS* TO MALE DOCTORAL CANDIDATES BY CURRICULUM, FOR EMPLOYERS IN BUSINESS AND INDUSTRY, 1963-64 TO 1970-71, AND FIRST AND SECOND PERIOD OFFERS FOR 1971-72

| Graduate program | 1963-64** | 1964-65 | 1965-66 | 1966-67 | 1967-68 | 1968-69 | 1969-70 | 1970-71 | First and second periods 1970-71 | 1971-72 | Percent increase |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| ENGINEERING | | | | | | | | | | | |
| Chemical | $12,036 | $12,696 | $13,224 | $14,100 | $14,964 | $15,828 | $16,500 | $16,740 | $16,932 | $16,296 | -3.8 |
| Electrical | 13,452 | 13,992 | 14,436 | 15,132 | 15,792 | 16,548 | 17,148 | 16,656 | 15,996 | 16,464 | 2.9 |
| Mechanical | 12,204 | 13,392 | 13,632 | 14,544 | 15,384 | 15,708 | 16,440 | 15,336 | 14,712 | 16,116 | 9.5 |
| SCIENCES | | | | | | | | | | | |
| Chemistry | 11,628 | 12,108 | 12,756 | 13,416 | 14,160 | 14,904 | 15,336 | 15,108 | 15,216 | 15,696 | 3.2 |
| Mathematics | 12,552 | 13,056 | 13,716 | 14,640 | 14,700 | 15,336 | 17,052 | 17,376 | 14,616 | 15,732 | 7.6 |
| Physics | 11,880 | 13,704 | 13,656 | 13,944 | 14,724 | 15,420 | 15,708 | 15,780 | 16,164 | 16,980 | 5.0 |

SOURCE: College Placement Council. *Salary Survey, A Study of Beginning Offers.* Bethlehem, Pa.: the Council, 1966, through 1972. Quoted with permission.

*Monthly amounts converted to annual salaries by the NEA Research Division. No allowance made for possible increases during the first year of employment.

**Data from 1963-64 pilot study.

TABLE 71.–AVERAGE BEGINNING SALARIES OFFERED TO WOMEN GRADUATES WITH A BACHELOR'S DEGREE, 1966-67 THROUGH 1970-71*

| Position or type of employer<br>1 | 1966-67**<br>2 | 1967-68<br>3 | 1968-69<br>4 | 1969-70<br>5 | 1970-71<br>6 |
|---|---|---|---|---|---|
| POSITION | | | | | |
| Accountant/auditor | $7,260 | $7,932 | $8,700 | $ 9,840 | $9,744 |
| Airline stewardess/reservationist | 4,152 | 4,464 | 4,740 | 5,544 | 5,928 |
| Business trainee | 6,000 | 6,360 | 6,996 | 7,332 | 7,416 |
| Community and service organization worker | 5,532 | 5,952 | 6,384 | 6,828 | 6,876 |
| EDP programmer/systems analyst | 7,356 | 7,860 | 8,388 | 9,024 | 8,952 |
| Engineer | 8,520 | 9,324 | 9,612 | 10,284 | 10,620 |
| Home economist/dietitian | 5,832 | 6,180 | 6,360 | 6,672 | 6,852 |
| Library interne | 4,920 | 5,316 | 5,604 | 5,688 | 6,360 |
| Mathematician/statistician | 7,404 | 7,848 | 8,496 | 8,880 | 8,472 |
| Medical worker | 5,880 | 6,636 | 7,044 | 7,476 | 8,172 |
| Merchandising/sales promotion trainee | 5,400 | 5,928 | 6,336 | 6,708 | 7,284 |
| Research assistant–nonscientific | 5,904 | 6,396 | 6,864 | 7,296 | 6,840 |
| Research and lab assistant–scientific | 6,744 | 7,224 | 7,608 | 7,644 | 7,560 |
| Secretary/receptionist | 4,740 | 5,112 | 5,304 | 5,736 | 5,580 |
| Writer/editorial/public relations trainee | 5,508 | 5,616 | 6,036 | 6,216 | 6,432 |
| EMPLOYER | | | | | |
| Business | 6,120 | 6,840 | 7,200 | 7,776 | 7,524 |
| Government-federal | 6,252 | 6,528 | 6,984 | 7,656 | 8,364 |
| Government-local and state | 5,748 | 6,264 | 6,624 | 7,116 | 7,128 |
| Manufacturing/industrial | 7,044 | 7,308 | 7,956 | 8,532 | 8,604 |
| Nonprofit and educational organization | 5,388 | 5,988 | 6,444 | 6,840 | 7,224 |

SOURCE: College Placement Council. *Women's Salary Survey.* Bethlehem, Pa.: July 1971. 4 p. Quoted with permission.

*Annual salaries computed by NEA Research Division from monthly salaries reported by the College Placement Council.

**Data from pilot study.

TABLE 72.–MEDIAN ANNUAL STARTING SALARIES OF INEXPERIENCED* GRADUATES IN CHEMISTRY AND CHEMICAL ENGINEERING, 1960 TO 1971

| Position and degree | 1960 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | Percent change, 1971 over 1970 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| CHEMISTS | | | | | | | | | | | | |
| Bachelor's degree | $5,700 | $ 6,000 | $ 6,492 | $ 6,600 | $ 6,900 | $ 7,200 | $ 7,800 | $ 8,400 | $ 8,760 | $ 8,900 | $8,100 | –9.0 |
| Men | 5,880 | 6,300 | 6,600 | 6,720 | 7,080 | 7,500 | 7,920 | 8,604 | 9,000 | 9,096 | 8,300 | –8.8 |
| Women | 5,100 | 5,400 | 5,676 | 5,760 | 5,988 | 6,600 | 7,200 | 7,500 | 8,424 | 7,728 | 7,800 | 0.9 |
| Master's degree | 6,600 | 6,936 | 7,200 | 7,500 | 8,004 | 8,664 | 9,300 | 9,600 | 10,020 | 10,100 | 9,200 | –8.9 |
| Doctor's degree | 9,000 | 9,900 | 10,200 | 10,920 | 11,700 | 12,120 | 12,900 | 13,536 | 14,400 | 14,700 | 14,400 | –2.0 |
| CHEMICAL ENGINEERS | | | | | | | | | | | | |
| Bachelor's degree | | | | | | | | | | | | |
| 4-year curriculum (B.S.) | 6,216 | 6,720 | 7,080 | 7,320 | 7,680 | 8,280 | 8,880 | 9,600 | . . . | . . . | . . . | . . . |
| 5-year curriculum (B.Ch.E.) | 6,300 | 6,720 | 7,176 | 7,440 | 7,680 | 8,280 | 8,904 | 9,600 | . . . | . . . | . . . | . . . |
| Both | 6,240 | 6,720 | 7,080 | 7,380 | 7,680 | 8,280 | 8,880 | 9,600 | 10,260 | 10,800 | 10,800 | 0.0 |
| Master's degree | 7,020 | 7,740 | 7,980 | 8,640 | 9,000 | 9,600 | 10,200 | 11,100 | 11,580 | 12,000 | 12,600 | 5.0 |
| Doctor's degree | 9,300 | 10,500 | 10,800 | 11,400 | 12,300 | 12,900 | 13,800 | 14,520 | 15,300 | 16,100 | 16,200 | 0.6 |
| INDEX: 1960 = 100.0 | | | | | | | | | | | | |
| CHEMISTS | | | | | | | | | | | | |
| Bachelor's degree | 100.0 | 105.3 | 113.9 | 115.8 | 121.1 | 126.3 | 136.8 | 147.4 | 153.7 | 156.1 | 142.1 | . . . |
| Men | 100.0 | 107.1 | 112.2 | 114.3 | 120.4 | 127.6 | 134.7 | 146.3 | 153.1 | 154.7 | 141.2 | . . . |
| Women | 100.0 | 105.9 | 111.3 | 112.9 | 117.4 | 129.4 | 141.2 | 147.1 | 165.2 | 151.5 | 152.9 | |
| Master's degree | 100.0 | 105.1 | 109.1 | 113.6 | 121.3 | 131.3 | 140.9 | 145.5 | 151.8 | 153.0 | 139.4 | . . . |
| Doctor's degree | 100.0 | 110.0 | 113.3 | 121.3 | 130.0 | 134.7 | 143.3 | 150.4 | 160.0 | 163.3 | 160.0 | . . . |
| CHEMICAL ENGINEERS | | | | | | | | | | | | |
| 4- and 5- year curricula | 100.0 | 107.7 | 113.5 | 118.3 | 123.1 | 132.7 | 142.3 | 153.8 | 164.4 | 173.1 | . . . | . . . |
| Master's degree | 100.0 | 110.3 | 113.7 | 123.1 | 128.2 | 136.8 | 145.3 | 158.1 | 165.0 | 170.9 | 179.5 | . . . |
| Doctor's degree | 100.0 | 112.9 | 116.1 | 122.6 | 132.3 | 138.7 | 148.4 | 156.1 | 164.5 | 173.1 | 174.2 | . . . |

SOURCE: *Chemical and Engineering News*, October 31, 1960, November 5, 1962, October 28, 1963, November 9, 1964, October 18, 1965, November 28, 1966, October 23, 1967, November 18, 1968, October 20, 1969, November 23, 1970, and November 1, 1971. Data quoted from *Chemical and Engineering News*, Copyrighted by the American Chemical Society and reprinted by permission of the copyright owner. Data originally appeared as monthly salaries; converted to annual salaries by the NEA Research Division.

*With less than one year of prior work experience.

TABLE 73.–STARTING SALARIES FOR BEGINNING TEACHERS WITH A BACHELOR'S DEGREE, INDEPENDENT (PRIVATE) SCHOOLS, BY CATEGORY OF SCHOOL, SELECTED YEARS 1964-65 TO 1971-72

| Type of school | Median starting salary for beginning teachers | | | | | Range of starting salaries 1971-72 | |
|---|---|---|---|---|---|---|---|
| | 1964-65 | 1968-69 | 1969-70 | 1970-71 | 1971-72 | Low | High |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Girls' day | $4,200 | $5,000 | $5,500 | $6,000 | $6,200 | $5,000 | $7,500 |
| Girls' boarding* | 3,800 | 4,500 | 4,900 | 5,250 | 5,500 | 4,400 | 7,040 |
| Boys' day | 4,500 | 5,600 | 6,000 | 6,500 | 7,000 | 4,500 | 8,500 |
| Boys' boarding* | 3,600 | 4,200 | 4,800 | 5,000 | 5,300 | 3,800 | 7,500 |
| Boys' day elementary | 4,500 | 5,000 | 6,000 | ** | ** | . . . | . . . |
| Coeducational day | 4,500 | 5,200 | 6,000 | 6,400 | 6,500 | 4,500 | 8,048 |
| Coeducational day elementary | 4,300 | 4,500 | 5,600 | 6,000 | 6,000 | 3,200 | 7,800 |
| Coeducational boarding* | 3,600 | 4,000 | 4,800 | 5,000 | 5,000 | 3,900 | 7,600 |
| Military | 4,500 | 5,500 | 5,400 | 6,000 | 6,450 | 4,500 | 7,300 |
| Catholic | 4,550 | 5,200 | 5,800 | 6,000 | 6,400 | 5,000 | 7,800 |
| Canadian | . . . | . . . | . . . | 6,500 | 6,585 | 5,550 | 7,900 |

SOURCE: National Association of Independent Schools, *Annual Statistics NAIS Member Schools*, various issues.

*Cash figures. Perquisites might bring the total compensation in line with day school salaries.

**Boys' day elementary schools combined with boys' day schools.

## TABLE 74.–MINIMUM[a] SALARIES OF FEDERAL CLASSIFIED EMPLOYEES BY GRADE, 1962 TO 1972

| Grade | July 1962 | July 1963 | July 1964 | October 1965 | July 1966 | October 1967 | July 1968 | July 1969 | January 1970 | January 1971 | January 1972 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 .......... | $ 3,185 | $ 3,245 | $ 3,385 | $ 3,507 | $ 3,609 | $ 3,776 | $ 3,889 | $ 3,889 | $ 4,125 | $ 4,326 | $ 4,564 |
| 2 .......... | 3,500 | 3,560 | 3,680 | 3,814 | 3,925 | 4,108 | 4,231 | 4,360 | 4,621 | 4,897 | 5,166 |
| 3 .......... | 3,760 | 3,820 | 4,005 | 4,149 | 4,269 | 4,466 | 4,600 | 4,917 | 5,212 | 5,524 | 5,828 |
| 4 .......... | 4,040 | 4,110 | 4,480 | 4,641 | 4,776 | 4,995 | 5,145 | 5,522 | 5,853 | 8,202 | 6,544 |
| 5 .......... | 4,345 | 4,565 | 5,000 | 5,181 | 5,331 | 5,565 | 5,732 | 6,176 | 6,548 | 6,938 | 7,319 |
| 6 .......... | 4,830 | 5,035 | 5,505 | 5,702 | 5,867 | 6,137 | 6,321 | 6,882 | 7,294 | 7,727 | 8,153 |
| 7 .......... | 5,355 | 5,540 | 6,050 | 6,269 | 6,451 | 6,734 | 6,981 | 7,639 | 8,098 | 8,582 | 9,053 |
| 8 .......... | 5,885 | 6,090 | 6,630 | 6,869 | 7,068 | 7,384 | 7,699 | 8,449 | 8,956 | 9,493 | 10,013 |
| 9 .......... | 6,435 | 6,675 | 7,220 | 7,479 | 7,696 | 8,054 | 8,462 | 9,320 | 9,881 | 10,470 | 11,046 |
| 10 .......... | 6,995 | 7,290 | 7,900 | 8,184 | 8,421 | 8,821 | 9,297 | 10,252 | 10,869 | 11,517 | 12,151 |
| 11 .......... | 7,560 | 8,045 | 8,650 | 8,961 | 9,221 | 9,657 | 10,203 | 11,233 | 11,905 | 12,615 | 13,309 |
| 12 .......... | 8,955 | 9,475 | 10,250 | 10,619 | 10,927 | 11,461 | 12,174 | 13,389 | 14,192 | 15,040 | 15,866 |
| 13 .......... | 10,365 | 11,150 | 12,075 | 12,510 | 12,873 | 13,507 | 14,409 | 15,812 | 16,760 | 17,761 | 18,737 |
| 14 .......... | 12,210 | 12,845 | 14,170 | 14,680 | 15,106 | 15,841 | 16,946 | 18,531 | 19,643 | 20,815 | 21,960 |
| 15 .......... | 13,730 | 14,565 | 16,460 | 17,055 | 17,550 | 18,404 | 19,780 | 21,589 | 22,885 | 24,251 | 25,583 |
| 16 .......... | 15,255 | 16,000 | 18,935 | 19,619 | 20,075 | 20,982 | 22,835 | 25,044 | 26,547 | 28,129 | 29,678 |
| 17 .......... | 16,530 | 18,000 | 21,445 | 22,217 | 22,760 | 23,788 | 26,264 | 28,976 | 30,714 | 32,546 | 34,335 |
| 18 .......... | 18,500 | 20,000 | 24,500 | 25,382 | 25,890 | 27,055 | 30,239 | 33,495 | 35,505 | 37,624[b] | 39,693[b] |
|  |  |  |  | INDEX RELATIONSHIP: 1962 = 100.0 |  |  |  |  |  |  |  |
| 1 .......... | 100.0 | 101.9 | 106.3 | 110.1 | 113.3 | 118.6 | 122.1 | 122.1 | 129.5 | 135.8 | 143.3 |
| 2 .......... | 100.0 | 101.7 | 105.1 | 109.0 | 112.1 | 117.4 | 120.9 | 124.6 | 132.0 | 139.9 | 147.6 |
| 3 .......... | 100.0 | 101.6 | 106.5 | 110.3 | 113.5 | 118.8 | 122.3 | 130.8 | 138.6 | 146.9 | 155.0 |
| 4 .......... | 100.0 | 101.7 | 110.9 | 114.9 | 118.2 | 123.6 | 127.4 | 136.7 | 144.9 | 153.5 | 162.0 |
| 5 .......... | 100.0 | 105.1 | 115.1 | 119.2 | 122.7 | 128.1 | 131.9 | 142.1 | 150.7 | 159.7 | 168.4 |
| 6 .......... | 100.0 | 105.1 | 115.1 | 119.2 | 122.7 | 128.1 | 131.9 | 142.1 | 150.7 | 160.0 | 168.8 |
| 7 .......... | 100.0 | 103.5 | 113.0 | 117.1 | 120.5 | 125.8 | 130.4 | 142.7 | 151.2 | 160.3 | 169.1 |
| 8 .......... | 100.0 | 103.5 | 112.7 | 116.7 | 120.1 | 125.5 | 130.8 | 143.6 | 152.2 | 161.3 | 170.1 |
| 9 .......... | 100.0 | 103.7 | 112.2 | 116.2 | 119.6 | 125.2 | 131.5 | 144.8 | 153.6 | 162.7 | 171.7 |
| 10 .......... | 100.0 | 104.2 | 112.9 | 117.0 | 120.4 | 126.1 | 132.9 | 146.6 | 155.4 | 164.6 | 173.7 |
| 11 .......... | 100.0 | 106.4 | 114.4 | 118.5 | 122.0 | 127.7 | 135.0 | 148.6 | 157.5 | 166.9 | 176.0 |
| 12 .......... | 100.0 | 105.8 | 114.5 | 118.6 | 122.0 | 128.0 | 135.9 | 149.5 | 158.5 | 168.0 | 177.2 |
| 13 .......... | 100.0 | 107.6 | 116.5 | 120.7 | 124.2 | 130.3 | 139.0 | 152.6 | 161.7 | 171.4 | 180.8 |
| 14 .......... | 100.0 | 105.2 | 116.1 | 120.2 | 123.7 | 129.7 | 138.8 | 151.8 | 160.9 | 170.5 | 179.9 |
| 15 .......... | 100.0 | 106.1 | 119.9 | 124.2 | 127.8 | 134.0 | 144.1 | 157.2 | 166.7 | 176.6 | 186.3 |
| 16 .......... | 100.0 | 104.9 | 124.1 | 128.6 | 131.6 | 137.5 | 149.7 | 164.2 | 174.0 | 184.4 | 194.5 |
| 17 .......... | 100.0 | 108.9 | 129.7 | 134.4 | 137.7 | 143.9 | 158.9 | 175.3 | 185.8 | 196.9 | 207.7 |
| 18 .......... | 100.0 | 108.1 | 132.4 | 137.2 | 139.9 | 146.2 | 163.5 | 181.1 | 191.9 | 203.4 | 214.6 |

SOURCE: U.S. Civil Service Commission. *Classification Act of 1949, Amended.*

[a] Minimum salaries are those paid at the first step in each grade.

[b] Limited to $36,000.

TABLE 75.–INCREASES IN BEGINNING SALARIES OF FEDERAL CIVILIAN EMPLOYEES COMPARED WITH THOSE FOR BEGINNING TEACHERS, 1965 TO 1972

| GS–Grade–Step 1<br>1 | 1965<br>2 | 1972<br>3 | Percent increase<br>4 |
|---|---|---|---|
| U.S. Civil Service GS scale | | | |
| Step 1 of Grade | | | |
| 1 | $ 3,507 | $ 4,564 | 30.1 |
| 2 | 3,814 | 5,166 | 35.4 |
| 3 | 4,149 | 5,828 | 40.5 |
| 4 | 4,641 | 6,544 | 41.0 |
| 5 | 5,181 | 7,319 | 41.3 |
| 6 | 5,702 | 8,153 | 43.0 |
| 7 | 6,269 | 9,053 | 44.4 |
| 8 | 6,869 | 10,013 | 45.8 |
| 9 | 7,479 | 11,046 | 47.7 |
| 10 | 8,184 | 12,151 | 48.5 |
| 11 | 8,961 | 13,309 | 48.5 |
| 12 | 10,619 | 15,866 | 49.4 |
| 13 | 12,510 | 18,737 | 49.8 |
| 14 | 14,680 | 21,960 | 49.6 |
| 15 | 17,055 | 25,583 | 50.0 |
| 16 | 19,619 | 29,678 | 51.3 |
| 17 | 22,217 | 34,335 | 54.5 |
| 18 | 25,382 | 39,693* | 56.4 |
| Average increase | ... | ... | 46.0 |
| Beginning salaries for teachers with B.A. (school-year basis) | 4,925 | 7,061 | 43.4 |

SOURCE: Table 74 for GS data; NEA Research Division for teachers' beginning salaries.

*Limited to $36,000 in 1972.

TABLE 76.–AVERAGE MINIMUM AND MAXIMUM ANNUAL SALARIES FOR POLICEMEN, FIREMEN, AND TEACHERS IN CITIES WITH A POPULATION OF 100,000 OR MORE, 1966-1971

| Occupation | Year | | | | | | Percent increase, 1971 over 1966 |
|---|---|---|---|---|---|---|---|
| | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| AVERAGE MINIMUM SALARY | | | | | | | |
| Teachers* | $5,258 | $5,638 | $6,029 | $6,465 | $ 6,921 | $ 7,126 | 35.5 |
| Firemen | 5,945 | 6,264 | 6,774 | 7,445 | 8,066 | 8,513 | 43.2 |
| Policemen | 6,173 | 6,482 | 7,039 | 7,768 | 8,475 | 8,898 | 44.1 |
| AVERAGE MAXIMUM SALARY | | | | | | | |
| Teachers* | 7,959 | 8,437 | 8,976 | 9,500 | 10,293 | 10,559 | 32.7 |
| Firemen | 6,998 | 7,464 | 7,988 | 8,749 | 9,494 | 10,068 | 43.9 |
| Policemen | 7,327 | 7,823 | 8,324 | 9,216 | 10,038 | 10,589 | 44.5 |

SOURCE: Salary data for policemen and firemen from *Current Wage Developments*, No. 284, September 1971, U.S. Department of Labor, Bureau of Labor Statistics. Salaries for teachers from NEA Research Division.

*For bachelor's degree preparation level, and are for systems with enrollments of 25,000 or more which is approximately equivalent to cities with 100,000 population or more.

## TABLE 77.–PERCENT DISTRIBUTION OF ANNUAL MINIMUM SALARIES[a] PAID FIREMEN AND POLICEMEN, 1971
### By City Size and Region

| Employee group and salary distribution | All cities 100,000 and over | City size: Over 999,999 | City size: 500,000 to 999,999 | City size: 250,000 to 499,999 | City size: 100,000 to 249,999 | Region[b]: Northeast | Region[b]: South | Region[b]: North Central | Region[b]: West |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| FIREMEN: | | | | | | | | | |
| Under $6,500 | 10.1 | ... | 7.8 | 12.8 | 21.5 | ... | 33.4 | 2.9 | 4.2 |
| 6,500–6,999 | 5.6 | ... | ... | 8.7 | 14.2 | 0.8 | 19.2 | 1.1 | ... |
| 7,000–7,499 | 11.0 | ... | 6.3 | 25.9 | 15.2 | 5.3 | 17.5 | 13.8 | 8.6 |
| 7,500–7,999 | 8.5 | ... | 16.2 | 9.6 | 10.7 | 4.6 | 13.4 | 7.1 | 11.3 |
| 8,000–8,499 | 13.2 | 6.5 | 24.7 | 9.5 | 13.8 | 18.4 | 7.9 | 17.3 | 4.6 |
| 8,500–8,999 | 7.0 | ... | 12.0 | 10.8 | 7.5 | 4.2 | 8.7 | 14.1 | ... |
| 9,000–9,499 | 23.6 | 53.3 | 21.1 | 5.5 | 7.0 | 50.2 | ... | 18.8 | 12.0 |
| 9,500–9,999 | 11.2 | 22.9 | 3.2 | 10.0 | 6.0 | 14.1 | ... | 2.1 | 36.8 |
| 10,000 and over | 9.7 | 17.4 | 8.6 | 7.3 | 4.1 | 2.5 | ... | 22.8 | 22.6 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Average salary paid | $8,513 | $9,708 | $8,521 | $7,936 | $7,616 | $8,990 | $7,006 | $8,868 | $9,437 |
| POLICEMEN: | | | | | | | | | |
| Under $6,500 | 5.1 | ... | 4.6 | 8.1 | 17.2 | ... | 21.1 | 1.4 | 3.1 |
| $6,500–6,999 | 3.9 | ... | 2.9 | 7.5 | 12.6 | 0.4 | 18.2 | ... | ... |
| 7,000–7,499 | 7.0 | ... | 5.1 | 27.3 | 9.5 | 0.6 | 14.4 | 7.5 | 12.9 |
| 7,500–7,999 | 5.1 | ... | 10.7 | 3.0 | 13.5 | 3.0 | 16.8 | 1.8 | ... |
| 8,000–8,499 | 16.7 | 8.1 | 32.5 | 14.7 | 20.3 | 12.9 | 9.4 | 33.2 | 6.5 |
| 8,500–8,999 | 5.9 | ... | 15.9 | 10.3 | 4.0 | 2.3 | 20.0 | 3.3 | ... |
| 9,000–9,499 | 28.6 | 49.9 | 19.8 | 6.6 | 3.0 | 61.8 | ... | 12.2 | 9.5 |
| 9,500–9,999 | 15.2 | 21.7 | 2.9 | 15.6 | 13.7 | 17.6 | ... | 5.5 | 49.0 |
| 10,000 and over | 12.5 | 20.3 | 5.7 | 6.8 | 6.2 | 1.5 | ... | 35.2 | 19.0 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Average salary paid | $8,898 | $9,723 | $8,475 | $8,161 | $7,912 | $9,242 | $7,365 | $9,241 | $9,546 |

SOURCE: U.S. Department of Labor, *Current Wage Developments*, No. 284, September 1971.

[a] Preliminary data.

[b] NORTHEAST: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont. SOUTH: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; NORTH CENTRAL: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; WEST: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Data relate to cities that had a population of 100,000 or more in 1960.

## IV. FAMILY AND HOUSEHOLD INCOME

THE U.S. BUREAU OF THE CENSUS in its annual Consumer Income Series publishes median family income data together with a percentage distribution of such income. Table 78 gives this information for selected years between 1947 and 1970. Data for 1971 are not yet available. A regional distribution of median family incomes is shown in Table 79 for 1958 through 1970.

Per-capita effective buying income by state and region is shown in Table 80 for selected years between 1959 and 1970. These data are taken from the annual Survey of Buying Power made by *Sales Management* magazine for each of the years shown in the table; the data are used with permission of Sales Management.

Table 81 gives per-capita personal income by state and region for selected years between 1950 and 1970. Table 82 shows the same information in terms of the index relationship to per-capita income for 1960.

Average individual income per income tax return is shown in Table 83 for selected years between 1965 and 1969 on a regional basis.

In Table 84, average income per income tax return for 1969 is compared with average salaries of classroom teachers by geographic region.

Table 85 shows average income per income tax return in the 125 largest standard metropolitan areas for 1969 and index relationships to regional and national averages.

**TABLE 78.–FAMILY INCOME, 1947, 1950, AND 1958 TO 1970**

| Year | Median income | | Percent distribution–total money income in current dollars | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Current dollars | 1970 dollars | Under $3,000 | $3,000–4,999 | $5,000–6,999 | $7,000–9,999 | $10,000–14,999 | $15,000 and over | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1947 .... | $3,031 | $5,259 | 49 | 31 | 12 | 5 | (—— 3 ——) | | 100 |
| 1950 .... | 3,319 | 5,385 | 43 | 34 | 14 | 6 | (—— 3 ——) | | 100 |
| 1958 .... | 5,087 | 6,826 | 24 | 25 | 24 | 17 | 8 | 2 | 100 |
| 1959 .... | 5,417 | 7,216 | 23 | 22 | 24 | 19 | 9 | 3 | 100 |
| 1960 .... | 5,620 | 7,376 | 22 | 20 | 24 | 20 | 10 | 4 | 100 |
| 1961 .... | 5,737 | 7,457 | 21 | 20 | 22 | 32 | 22 | 5 | 100 |
| 1962 .... | 5,956 | 7,659 | 20 | 19 | 22 | 21 | 13 | 5 | 100 |
| 1963 .... | 6,249 | 7,927 | 19 | 18 | 21 | 22 | 15 | 5 | 100 |
| 1964 .... | 6,569 | 8,227 | 18 | 17 | 20 | 23 | 16 | 6 | 100 |
| 1965 .... | 6,957 | 8,559 | 16 | 15 | 19 | 24 | 18 | 8 | 100 |
| 1966 .... | 7,500 | 8,977 | 14 | 14 | 18 | 25 | 20 | 9 | 100 |
| 1967 .... | 7,974 | 9,285 | 13 | 13 | 16 | 24 | 22 | 12 | 100 |
| 1968 .... | 8,632 | 9,633 | 10 | 12 | 15 | 23 | 25 | 15 | 100 |
| 1969 .... | 9,433 | 9,990 | 9 | 11 | 12 | 22 | 27 | 19 | 100 |
| 1970 .... | 9,867 | 9,867 | 9 | 10 | 12 | 20 | 27 | 22 | 100 |

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income in 1970 of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P–60, No. 80. Washington, D.C.: the Bureau, October 4, 1971. p. 21 and 22.

## TABLE 79.—MEDIAN FAMILY INCOME, BY REGION, 1958 TO 1970
(In 1970 dollars)

| Year | Median family income (in 1970 dollars) | | | | | Index: 1960 = 100.0 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Northeast | North Central | South | West | Total, all regions | Northeast | North Central | South | West | Total, all regions |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1958 ...... | $ 7,479 | $ 6,908 | $5,488 | $ 7,613 | $6,826 | 94.1 | 90.9 | 95.4 | 88.7 | 92.5 |
| 1959 ...... | 7,836 | 7,368 | 5,793 | 8,205 | 7,216 | 98.5 | 97.0 | 100.7 | 95.6 | 97.8 |
| 1960 ...... | 7,952 | 7,596 | 5,753 | 8,581 | 7,376 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1961 ...... | 8,102 | 7,598 | 5,720 | 8,955 | 7,457 | 101.9 | 100.0 | 99.4 | 104.4 | 101.1 |
| 1962 ...... | 8,447 | 8,034 | 5,939 | 8,648 | 7,659 | 106.2 | 105.8 | 103.2 | 100.8 | 103.8 |
| 1963 ...... | 8,738 | 8,350 | 6,313 | 8,927 | 7,927 | 109.9 | 109.9 | 109.7 | 104.0 | 107.5 |
| 1964 ...... | 9,055 | 8,557 | 6,664 | 9,127 | 8,227 | 113.9 | 112.7 | 115.8 | 106.4 | 111.5 |
| 1965 ...... | 9,342 | 8,989 | 6,903 | 9,490 | 8,559 | 117.5 | 118.3 | 120.0 | 110.6 | 116.0 |
| 1966 ...... | 9,526 | 9,527 | 7,539 | 9,774 | 8,977 | 119.8 | 125.4 | 131.0 | 113.9 | 121.7 |
| 1967 ...... | 9,878 | 9,608 | 7,886 | 10,189 | 9,285 | 124.2 | 126.5 | 137.1 | 118.7 | 125.9 |
| 1968 ...... | 10,145 | 10,162 | 8,241 | 10,453 | 9,633 | 127.6 | 133.8 | 143.2 | 121.8 | 130.6 |
| 1969 ...... | 10,589 | 10,583 | 8,582 | 10,612 | 9,990 | 133.2 | 139.3 | 149.2 | 123.7 | 135.4 |
| 1970 ...... | 10,696 | 10,327 | 8,552 | 10,273 | 9,867 | 134.5 | 136.0 | 148.7 | 119.7 | 133.8 |

SOURCE: U.S. Department of Commerce, Bureau of the Census. *Income in 1970 of Families and Persons in the United States.* Current Population Reports, Consumer Income Series, P-60, No. 80. Washington, D.C.: Government Printing Office, October 4, 1971.

Index computed by NEA Research Division.

## TABLE 80.–PER-CAPITA EFFECTIVE BUYING INCOME, BY REGION, SELECTED YEARS 1959 TO 1970

| Region and state | Per-capita effective buying income | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1959 | 1961 | 1966 | 1967 | 1968 | 1969 | 1970 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| NEW ENGLAND | $2,127 | $2,187 | $2,778 | $2,939 | $3,185 | $3,366 | $3,595 |
| Connecticut | 2,518 | 2,503 | 3,146 | 3,292 | 3,553 | 3,694 | 4,021 |
| Maine | 1,668 | 1,491 | 2,154 | 2,303 | 2,476 | 2,625 | 2,879 |
| Massachusetts | 2,134 | 2,259 | 2,794 | 2,955 | 3,213 | 3,434 | 4,649 |
| New Hampshire | 1,808 | 1,891 | 2,483 | 2,655 | 2,873 | 2,982 | 3,237 |
| Rhode Island | 1,883 | 2,041 | 2,616 | 2,786 | 3,068 | 3,190 | 3,302 |
| Vermont | 1,668 | 1,631 | 2,293 | 2,507 | 2,622 | 2,852 | 2,917 |
| MIDDLE ATLANTIC | 2,133 | 2,268 | 2,809 | 2,984 | 3,225 | 3,416 | 3,744 |
| New Jersey | 2,275 | 2,350 | 2,931 | 3,098 | 3,310 | 3,542 | 3,879 |
| New York | 2,241 | 2,420 | 2,933 | 3,127 | 3,389 | 3,579 | 3,956 |
| Pennsylvania | 1,901 | 1,997 | 2,545 | 2,692 | 2,918 | 3,086 | 3,333 |
| EAST NORTH CENTRAL | 2,021 | 2,056 | 2,781 | 2,922 | 3,175 | 3,305 | 3,442 |
| Illinois | 2,257 | 2,274 | 3,068 | 3,208 | 3,581 | 3,640 | 3,808 |
| Indiana | 1,867 | 1,909 | 2,747 | 2,831 | 2,952 | 3,123 | 3,211 |
| Michigan | 1,964 | 1,959 | 2,839 | 2,982 | 3,180 | 3,279 | 3,369 |
| Ohio | 1,999 | 2,043 | 2,587 | 2,736 | 2,937 | 3,187 | 3,355 |
| Wisconsin | 1,777 | 1,895 | 2,462 | 2,649 | 2,989 | 3,005 | 3,144 |
| WEST NORTH CENTRAL | 1,757 | 1,850 | 2,496 | 2,637 | 2,781 | 2,960 | 3,192 |
| Iowa | 1,732 | 1,806 | 2,582 | 2,779 | 2,876 | 3,029 | 3,306 |
| Kansas | 1,797 | 1,857 | 2,493 | 2,653 | 2,820 | 3,006 | 3,289 |
| Minnesota | 1,750 | 1,821 | 2,496 | 2,655 | 2,835 | 3,035 | 3,206 |
| Missouri | 1,834 | 1,974 | 2,532 | 2,636 | 2,787 | 2,947 | 3,096 |
| Nebraska | 1,752 | 1,881 | 2,518 | 2,651 | 2,775 | 2,945 | 3,308 |
| North Dakota | 1,520 | 1,592 | 2,212 | 2,279 | 2,341 | 2,529 | 2,917 |
| South Dakota | 1,499 | 1,538 | 2,135 | 2,225 | 2,375 | 2,649 | 2,962 |
| SOUTH ATLANTIC | 1,554 | 1,699 | 2,212 | 2,373 | 2,550 | 2,718 | 2,969 |
| Delaware | 2,396 | 2,462 | 2,903 | 3,038 | 3,142 | 2,895 | 3,117 |
| District of Columbia | 2,361 | 2,766 | 3,367 | 3,603 | 3,703 | 4,002 | 4,551 |
| Florida | 1,717 | 1,760 | 2,238 | 2,378 | 2,588 | 2,853 | 3,091 |
| Georgia | 1,419 | 1,444 | 2,085 | 2,241 | 2,398 | 2,585 | 2,798 |
| Maryland | 1,899 | 2,080 | 2,741 | 2,907 | 3,121 | 3,254 | 3,383 |
| North Carolina | 1,291 | 1,465 | 1,973 | 2,136 | 2,297 | 2,454 | 2,749 |
| South Carolina | 1,149 | 1,031 | 1,768 | 1,926 | 2,072 | 2,209 | 2,520 |
| Virginia | 1,550 | 1,851 | 2,202 | 2,384 | 2,589 | 2,728 | 2,973 |
| West Virginia | 1,437 | 1,553 | 1,972 | 2,109 | 2,224 | 2,294 | 2,561 |
| EAST SOUTH CENTRAL | 1,275 | 1,329 | 1,846 | 1,996 | 2,112 | 2,260 | 2,511 |
| Alabama | 1,300 | 1,287 | 1,805 | 1,932 | 2,028 | 2,150 | 2,441 |
| Kentucky | 1,304 | 1,412 | 1,975 | 2,141 | 2,266 | 2,457 | 2,662 |
| Mississippi | 1,064 | 1,137 | 1,569 | 1,739 | 1,835 | 1,931 | 2,198 |
| Tennessee | 1,352 | 1,413 | 1,942 | 2,091 | 2,231 | 2,396 | 2,626 |
| WEST SOUTH CENTRAL | 1,532 | 1,615 | 2,099 | 2,261 | 2,463 | 2,641 | 2,867 |
| Arkansas | 1,222 | 1,283 | 1,802 | 1,909 | 2,026 | 2,218 | 2,543 |
| Louisiana | 1,451 | 1,431 | 1,989 | 2,169 | 2,376 | 2,435 | 2,676 |
| Oklahoma | 1,595 | 1,689 | 2,179 | 2,308 | 2,478 | 2,680 | 2,826 |
| Texas | 1,601 | 1,719 | 2,171 | 2,344 | 2,567 | 2,777 | 3,008 |

## TABLE 80.--PER-CAPITA EFFECTIVE BUYING INCOME, BY REGION, SELECTED YEARS 1959 TO 1970 (CONTINUED)

| Region and state | Per-capita effective buying income | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1959 | 1961 | 1966 | 1967 | 1968 | 1969 | 1970 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MOUNTAIN | 1,746 | 1,846 | 2,287 | 2,380 | 2,560 | 2,780 | 2,962 |
| Arizona | 1,674 | 1,755 | 2,163 | 2,280 | 2,502 | 2,839 | 3,054 |
| Colorado | 1,893 | 2,072 | 2,473 | 2,593 | 2,831 | 3,003 | 3,080 |
| Idaho | 1,618 | 1,625 | 2,237 | 2,249 | 2,360 | 2,463 | 2,739 |
| Montana | 1,736 | 1,818 | 2,304 | 2,385 | 2,502 | 2,647 | 2,960 |
| Nevada | 2,231 | 2,388 | 2,892 | 2,917 | 3,128 | 3,398 | 3,756 |
| New Mexico | 1,585 | 1,602 | 1,965 | 2,084 | 2,200 | 2,409 | 2,531 |
| Utah | 1,640 | 1,717 | 2,171 | 2,278 | 2,392 | 2,581 | 2,754 |
| Wyoming | 1,856 | 2,093 | 2,374 | 2,325 | 2,579 | 2,896 | 2,981 |
| PACIFIC | 2,153 | 2,302 | 2,866 | 3,019 | 3,239 | 3,437 | 3,653 |
| Alaska | 2,267 | 2,384 | 2,990 | 3,081 | 3,395 | 3,650 | 3,735 |
| California | 2,250 | 2,397 | 2,921 | 3,083 | 3,306 | 3,514 | 3,751 |
| Hawaii | 1,739 | 2,048 | 2,591 | 2,734 | 2,924 | 3,064 | 3,548 |
| Oregon | 1,813 | 1,940 | 2,618 | 2,620 | 2,790 | 2,985 | 3,127 |
| Washington | 1,946 | 2,040 | 2,731 | 2,938 | 3,173 | 3,320 | 3,418 |

SOURCE: Sales Management, "Survey of Buying Power," various issues. © 1960, 1962, 1967, 1968, 1969, 1970, and 1971. Sales Management Survey of Buying Power; further reproduction is forbidden.

## TABLE 81.– PER-CAPITA PERSONAL INCOME BY STATE AND REGION, SELECTED YEARS, 1950-1970
(in current dollars)

| Region and state<br>1 | 1950<br>2 | 1960<br>3 | 1962<br>4 | 1964<br>5 | 1966<br>6 | 1967<br>7 | 1968<br>8 | 1969<br>9 | 1970<br>10 |
|---|---|---|---|---|---|---|---|---|---|
| UNITED STATES . . . . | $1,496 | $2,216 | $2,370 | $2,590 | $2,987 | $3,169 | $3,436 | $3,705 | $3,921 |
| NEW ENGLAND . . . . . | 1,601 | 2,424 | 2,608 | 2,805 | 3,210 | 3,454 | 3,740 | 4,026 | 4,277 |
| Maine . . . . . . . . . . . . . | 1,186 | 1,842 | 1,896 | 2,114 | 2,447 | 2,549 | 2,794 | 3,021 | 3,257 |
| New Hampshire . . . . . . | 1,323 | 2,144 | 2,293 | 2,[illegible]25 | 2,814 | 3,001 | 3,245 | 3,434 | 3,590 |
| Vermont . . . . . . . . . . . | 1,121 | 1,842 | 1,980 | 2,150 | 2,645 | 2,793 | 3,045 | 3,261 | 3,465 |
| Massachusetts . . . . . . . | 1,633 | 2,457 | 2,643 | 2,832 | 3,213 | 3,460 | 3,762 | 4,070 | 4,360 |
| Rhode Island . . . . . . . . | 1,605 | 2,219 | 2,428 | 2,657 | 3,059 | 3,297 | 3,558 | 3,714 | 3,902 |
| Connecticut . . . . . . . . . | 1,875 | 2,806 | 3,032 | 3,227 | 3,688 | 4,001 | 4,290 | 4,625 | 4,856 |
| MIDEAST . . . . . . . . . . . | 1,756 | 2,566 | 2,736 | 2,977 | 3,448 | 3,589 | 3,885 | 4,188 | 4,464 |
| New York . . . . . . . . . . | 1,873 | 2,749 | 2,929 | 3,193 | 3,583 | 3,841 | 4,172 | 4,485 | 4,769 |
| New Jersey . . . . . . . . . | 1,834 | 2,708 | 2,893 | 3,086 | 3,490 | 3,708 | 4,005 | 4,298 | 4,598 |
| Pennsylvania . . . . . . . . | 1,541 | 2,242 | 2,367 | 2,595 | 2,981 | 3,171 | 3,400 | 3,685 | 3,927 |
| Delaware . . . . . . . . . . . | 2,132 | 2,758 | 2,864 | 3,120 | 3,438 | 3,551 | 3,839 | 4,159 | 4,324 |
| Maryland . . . . . . . . . . . | 1,602 | 2,342 | 2,559 | 2,793 | 3,159 | 3,352 | 3,678 | 3,983 | 4,255 |
| District of Columbia . . | 2,221 | 3,021 | 3,216 | 3,536 | 3,929 | 4,188 | 4,544 | 4,907 | 5,387 |
| GREAT LAKES . . . . . | 1,666 | 2,383 | 2,518 | 2,767 | 3,229 | 3,369 | 3,646 | 3,932 | 4,082 |
| Michigan . . . . . . . . . . . | 1,701 | 2,324 | 2,435 | 2,773 | 3,252 | 3,377 | 3,710 | 3,995 | 4,059 |
| Ohio . . . . . . . . . . . . . . | 1,620 | 2,335 | 2,433 | 2,661 | 3,109 | 3,236 | 3,519 | 3,815 | 3,972 |
| Indiana . . . . . . . . . . . . | 1,512 | 2,188 | 2,354 | 2,590 | 3,040 | 3,149 | 3,400 | 3,694 | 3,781 |
| Illinois . . . . . . . . . . . . | 1,825 | 2,649 | 2,820 | 3,048 | 3,539 | 3,718 | 3,978 | 4,280 | 4,502 |
| Wisconsin . . . . . . . . . . | 1,477 | 2,174 | 2,316 | 2,506 | 2,909 | 3,043 | 3,271 | 3,493 | 3,693 |
| PLAINS . . . . . . . . . . . . | 1,428 | 2,066 | 2,236 | 2,404 | 2,873 | 3,019 | 3,250 | 3,509 | 3,701 |
| Minnesota . . . . . . . . . . | 1,410 | 2,114 | 2,241 | 2,423 | 2,872 | 3,055 | 3,304 | 3,599 | 3,824 |
| Iowa . . . . . . . . . . . . . . | 1,485 | 1,987 | 2,184 | 2,421 | 3,015 | 3,051 | 3,264 | 3,534 | 3,688 |
| Missouri . . . . . . . . . . . . | 1,431 | 2,115 | 2,270 | 2,482 | 2,843 | 3,043 | 3,296 | 3,471 | 3,704 |
| North Dakota . . . . . . . | 1,263 | 1,714 | 2,152 | 1,984 | 2,422 | 2,548 | 2,666 | 3,008 | 2,995 |
| South Dakota . . . . . . . | 1,242 | 1,782 | 1,996 | 1,882 | 2,460 | 2,579 | 2,819 | 2,997 | 3,165 |
| Nebraska . . . . . . . . . . . | 1,490 | 2,110 | 2,238 | 2,351 | 2,915 | 3,029 | 3,173 | 3,606 | 3,751 |
| Kansas . . . . . . . . . . . . . | 1,443 | 2,158 | 2,321 | 2,523 | 2,994 | 3,133 | 3,389 | 3,633 | 3,823 |
| SOUTHEAST . . . . . . . | 1,022 | 1,611 | 1,756 | 1,969 | 2,267 | 2,498 | 2,732 | 2,978 | 3,195 |
| Virginia . . . . . . . . . . . . | 1,228 | 1,841 | 2,021 | 2,274 | 2,623 | 2,826 | 3,100 | 3,348 | 3,607 |
| West Virginia . . . . . . . . | 1,065 | 1,596 | 1,711 | 1,922 | 2,225 | 2,376 | 2,522 | 2,713 | 3,021 |
| Kentucky . . . . . . . . . . . | 981 | 1.576 | 1,763 | 1,911 | 2,281 | 2,442 | 2,658 | 2,874 | 3,073 |
| Tennessee . . . . . . . . . . | 994 | 1,544 | 1,704 | 1,894 | 2,268 | 2,407 | 2,636 | 2,882 | 3,085 |
| North Carolina . . . . . . | 1,037 | 1,562 | 1,737 | 1,943 | 2,326 | 2,492 | 2,724 | 3,004 | 3,207 |
| South Carolina . . . . . . | 893 | 1,379 | 1,548 | 1,729 | 2,117 | 2,273 | 2,498 | 2,733 | 2,936 |
| Georgia . . . . . . . . . . . . | 1,034 | 1,640 | 1,785 | 2,031 | 2,416 | 2,621 | 2,857 | 3,153 | 3,332 |
| Florida . . . . . . . . . . . . | 1,281 | 1,948 | 2,026 | 2,246 | 2,571 | 2,797 | 3,078 | 3,388 | 3,642 |
| Alabama . . . . . . . . . . . | 880 | 1,489 | 1,586 | 1,796 | 2,090 | 2,212 | 2,427 | 2,657 | 2,853 |
| Mississippi . . . . . . . . . . | 755 | 1,206 | 1,328 | 1,528 | 1,829 | 1,989 | 2,189 | 2,362 | 2,575 |
| Louisiana . . . . . . . . . . . | 1,120 | 1,656 | 1,762 | 1,970 | 2,321 | 2,525 | 2,738 | 2,859 | 3,049 |
| Arkansas . . . . . . . . . . . | 825 | 1,374 | 1,564 | 1,785 | 2,105 | 2,228 | 2,418 | 2,649 | 2,791 |
| SOUTHWEST . . . . . . . | 1,297 | 1,923 | 2,033 | 2,220 | 2,586 | 2,771 | 3,009 | 3,244 | 3,479 |
| Oklahoma . . . . . . . . . . | 1,143 | 1,862 | 1,932 | 2,134 | 2,504 | 2,678 | 2,880 | 3,083 | 3,312 |
| Texas . . . . . . . . . . . . . . | 1,349 | 1,926 | 2,041 | 2,245 | 2,632 | 2,826 | 3,069 | 3,303 | 3,531 |
| New Mexico . . . . . . . . | 1,177 | 1,888 | 2,013 | 2,104 | 2,365 | 2,464 | 2,672 | 2,882 | 3,131 |
| Arizona . . . . . . . . . . . . | 1,330 | 2,032 | 2,163 | 2,271 | 2,553 | 2,749 | 3,013 | 3,314 | 3,591 |

**TABLE 81.–PER-CAPITA PERSONAL INCOME BY STATE AND REGION, SELECTED YEARS, 1950-1970 (Cont'd)**
**(in current dollars)**

| Region and state<br>1 | 1950<br>2 | 1960<br>3 | 1962<br>4 | 1964<br>5 | 1966<br>6 | 1967<br>7 | 1968<br>8 | 1969<br>9 | 1970<br>10 |
|---|---|---|---|---|---|---|---|---|---|
| ROCKY MOUNTAIN . | $1,457 | $2,107 | $2,275 | $2,372 | $2,676 | $2,810 | $3,012 | $3,264 | $3,529 |
| Montana . . . . . . . . . . . | 1,622 | 2,037 | 2,262 | 2,256 | 2,753 | 2,732 | 2,897 | 3,150 | 3,379 |
| Idaho . . . . . . . . . . . . . . | 1,295 | 1,850 | 2,041 | 2,150 | 2,447 | 2,609 | 2,718 | 3,015 | 3,240 |
| Wyoming . . . . . . . . . . . | 1,668 | 2,261 | 2,378 | 2,427 | 2.755 | 2,888 | 3,068 | 3,320 | 3,556 |
| Colorado . . . . . . . . . . . | 1,487 | 2,273 | 2,404 | 2,532 | 2,843 | 2,986 | 3,237 | 3,516 | 3,816 |
| Utah . . . . . . . . . . . . . . | 1,309 | 1,968 | 2,163 | 2,268 | 2,492 | 2,619 | 2,807 | 2,970 | 3,213 |
| FAR WEST . . . . . . . . | 1,801 | 2,621 | 2,800 | 3,028 | 3,386 | 3,575 | 3,877 | 4,129 | 4,313 |
| Washington . . . . . . . . . | 1,674 | 2,349 | 2,595 | 2,731 | 3,245 | 3,441 | 3,700 | 3,936 | 3,993 |
| Oregon . . . . . . . . . . . . | 1,620 | 2,235 | 2,372 | 2,606 | 2,942 | 3,097 | 3,328 | 3,538 | 3,705 |
| Nevada . . . . . . . . . . . . | 2,018 | 2,856 | 3,195 | 3,185 | 3,393 | 3,528 | 3,866 | 4,267 | 4,562 |
| California . . . . . . . . . . | 1,852 | 2,708 | 2,873 | 3,117 | 3,455 | 3,647 | 3,963 | 4,221 | 4,426 |
| Alaska[a] . . . . . . . . . . . . | 2,384 | 2,835 | 2,709 | 3,006 | 3,397 | 3,690 | 3,917 | 4,261 | 4,592 |
| Hawaii[a] . . . . . . . . . . . . | 1,386 | 2,369 | 2,573 | 2,820 | 3,192 | 3,416 | 3,757 | 4,102 | 4,527 |

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis. *Survey of Current Business*, August 1971.

[a] Alaska and Hawaii included in Far West total from 1960 to date.

## TABLE 82.–PER-CAPITA PERSONAL INCOME BY STATE AND REGION, SELECTED YEARS, 1950-1970
(Index: 1960=100.0)

| Region and state<br>1 | 1950<br>2 | 1960<br>3 | 1962<br>4 | 1964<br>5 | 1966<br>6 | 1967<br>7 | 1968<br>8 | 1969<br>9 | 1970<br>10 |
|---|---|---|---|---|---|---|---|---|---|
| UNITED STATES | 67.5 | 100.0 | 106.9 | 116.9 | 134.8 | 143.0 | 155.1 | 167.2 | 176.9 |
| NEW ENGLAND | 66.0 | 100.0 | 107.6 | 115.7 | 132.4 | 142.5 | 154.3 | 166.1 | 176.4 |
| Maine | 64.4 | 100.0 | 102.9 | 114.8 | 132.8 | 138.4 | 151.7 | 164.0 | 176.8 |
| New Hampshire | 61.7 | 100.0 | 106.9 | 113.1 | 131.3 | 140.0 | 151.4 | 160.2 | 167.4 |
| Vermont | 60.9 | 100.0 | 107.5 | 116.7 | 143.6 | 151.6 | 165.3 | 177.0 | 188.1 |
| Massachusetts | 66.5 | 100.0 | 107.6 | 115.3 | 130.8 | 140.8 | 153.1 | 165.6 | 177.5 |
| Rhode Island | 72.3 | 100.0 | 109.4 | 119.7 | 137.9 | 148.6 | 160.3 | 167.4 | 175.8 |
| Connecticut | 66.8 | 100.0 | 108.1 | 115.0 | 131.4 | 142.6 | 152.9 | 164.8 | 173.1 |
| MIDEAST | 68.4 | 100.0 | 106.6 | 116.0 | 134.4 | 139.9 | 151.4 | 163.2 | 174.0 |
| New York | 68.1 | 100.0 | 106.5 | 116.2 | 130.3 | 139.7 | 151.8 | 163.2 | 173.5 |
| New Jersey | 67.7 | 100.0 | 106.8 | 114.0 | 128.9 | 136.9 | 147.9 | 158.7 | 169.8 |
| Pennsylvania | 68.7 | 100.0 | 105.6 | 115.7 | 133.0 | 141.4 | 151.7 | 164.4 | 175.2 |
| Delaware | 77.3 | 100.0 | 103.8 | 113.1 | 124.7 | 128.8 | 139.2 | 150.8 | 156.8 |
| Maryland | 68.4 | 100.0 | 109.3 | 119.3 | 134.9 | 143.1 | 157.0 | 170.1 | 181.7 |
| District of Columbia | 73.5 | 100.0 | 106.5 | 117.0 | 130.1 | 138.6 | 150.4 | 162.4 | 178.3 |
| GREAT LAKES | 69.9 | 100.0 | 105.7 | 116.1 | 135.5 | 141.4 | 153.0 | 165.0 | 171.3 |
| Michigan | 73.2 | 100.0 | 104.8 | 119.3 | 139.9 | 145.3 | 159.6 | 171.9 | 174.7 |
| Ohio | 69.4 | 100.0 | 104.2 | 114.0 | 133.1 | 138.6 | 150.7 | 163.4 | 165.0 |
| Indiana | 69.1 | 100.0 | 107.6 | 118.4 | 138.9 | 143.9 | 155.4 | 168.8 | 172.8 |
| Illinois | 68.9 | 100.0 | 106.5 | 115.1 | 133.6 | 140.4 | 150.2 | 161.6 | 170.0 |
| Wisconsin | 67.9 | 100.0 | 106.5 | 115.3 | 133.8 | 140.0 | 150.5 | 160.7 | 169.9 |
| PLAINS | 69.1 | 100.0 | 108.2 | 116.4 | 139.1 | 146.1 | 157.3 | 169.8 | 179.1 |
| Minnesota | 66.7 | 100.0 | 106.0 | 114.6 | 135.9 | 144.5 | 156.3 | 170.2 | 180.9 |
| Iowa | 74.7 | 100.0 | 109.9 | 121.8 | 151.7 | 153.5 | 164.3 | 177.9 | 185.6 |
| Missouri | 67.7 | 100.0 | 107.3 | 117.4 | 134.4 | 143.9 | 155.8 | 164.1 | 175.1 |
| North Dakota | 73.7 | 100.0 | 125.6 | 115.8 | 141.3 | 148.7 | 155.5 | 175.5 | 174.7 |
| South Dakota | 69.7 | 100.0 | 112.0 | 105.6 | 138.0 | 144.7 | 158.2 | 168.2 | 177.6 |
| Nebraska | 70.6 | 100.0 | 106.1 | 111.4 | 138.2 | 143.6 | 150.4 | 170.9 | 177.8 |
| Kansas | 66.9 | 100.0 | 107.6 | 116.9 | 138.7 | 145.2 | 157.0 | 168.4 | 177.2 |
| SOUTHEAST | 63.4 | 100.0 | 109.0 | 122.2 | 140.7 | 155.1 | 169.6 | 184.9 | 198.3 |
| Virginia | 66.7 | 100.0 | 109.8 | 123.5 | 142.5 | 153.5 | 168.4 | 181.9 | 195.9 |
| West Virginia | 66.7 | 100.0 | 107.2 | 120.4 | 139.4 | 148.9 | 158.0 | 170.0 | 189.3 |
| Kentucky | 62.2 | 100.0 | 111.9 | 121.3 | 144.7 | 154.9 | 168.7 | 182.4 | 195.0 |
| Tennessee | 64.4 | 100.0 | 110.4 | 122.7 | 146.9 | 155.9 | 170.7 | 186.7 | 199.8 |
| North Carolina | 66.4 | 100.0 | 111.2 | 124.4 | 148.9 | 159.5 | 174.4 | 192.3 | 205.3 |
| South Carolina | 64.8 | 100.0 | 112.3 | 125.4 | 153.5 | 164.8 | 181.1 | 198.2 | 212.9 |
| Georgia | 63.0 | 100.0 | 108.8 | 123.8 | 147.3 | 159.8 | 174.2 | 192.3 | 203.2 |
| Florida | 65.8 | 100.0 | 104.0 | 115.3 | 132.0 | 143.6 | 158.0 | 173.9 | 187.0 |
| Alabama | 59.1 | 100.0 | 106.5 | 120.6 | 140.4 | 148.6 | 163.0 | 178.4 | 191.6 |
| Mississippi | 62.6 | 100.0 | 110.1 | 126.7 | 152.5 | 164.9 | 181.5 | 195.9 | 213.5 |
| Louisiana | 67.6 | 100.0 | 106.4 | 119.0 | 140.2 | 152.5 | 165.3 | 172.6 | 184.1 |
| Arkansas | 60.0 | 100.0 | 113.8 | 129.9 | 153.2 | 162.2 | 176.0 | 192.8 | 203.1 |
| SOUTHWEST | 67.4 | 100.0 | 105.7 | 115.4 | 134.5 | 144.1 | 156.5 | 168.7 | 180.9 |
| Oklahoma | 61.4 | 100.0 | 103.8 | 114.6 | 134.5 | 143.8 | 154.7 | 165.6 | 177.9 |
| Texas | 70.0 | 100.0 | 106.0 | 116.6 | 136.7 | 156.7 | 159.3 | 171.5 | 183.3 |
| New Mexico | 62.3 | 100.0 | 106.7 | 111.4 | 125.3 | 130.5 | 141.5 | 152.6 | 165.8 |
| Arizona | 65.5 | 100.0 | 106.4 | 111.8 | 125.6 | 135.3 | 148.3 | 163.1 | 176.7 |

## TABLE 82.—PER-CAPITA PERSONAL INCOME BY STATE AND REGION, SELECTED YEARS, 1950-1970 (Continued)

(Index: 1960=100.0)

| Region and state<br>1 | 1950<br>2 | 1960<br>3 | 1962<br>4 | 1964<br>5 | 1966<br>6 | 1967<br>7 | 1968<br>8 | 1969<br>9 | 1970<br>10 |
|---|---|---|---|---|---|---|---|---|---|
| ROCKY MOUNTAIN | 69.2 | 100.0 | 108.0 | 112.6 | 127.0 | 133.4 | 143.0 | 154.9 | 167.5 |
| Montana | 79.6 | 100.0 | 111.0 | 110.8 | 130.2 | 124.1 | 142.2 | 154.6 | 165.9 |
| Idaho | 70.0 | 100.0 | 110.3 | 116.2 | 132.3 | 141.0 | 146.9 | 163.0 | 175.1 |
| Wyoming | 73.8 | 100.0 | 105.2 | 107.3 | 121.8 | 127.7 | 135.7 | 146.8 | 157.3 |
| Colorado | 65.4 | 100.0 | 105.8 | 111.4 | 125.1 | 131.4 | 142.4 | 154.7 | 167.9 |
| Utah | 66.5 | 100.0 | 110.0 | 115.2 | 126.6 | 133.1 | 142.6 | 150.9 | 163.3 |
| FAR WEST | 68.7 | 100.0 | 106.8 | 115.5 | 129.2 | 136.4 | 147.9 | 157.5 | 164.6 |
| Washington | 71.3 | 100.0 | 110.5 | 116.3 | 138.1 | 146.5 | 157.5 | 167.6 | 170.0 |
| Oregon | 72.5 | 100.0 | 106.1 | 116.6 | 131.6 | 138.6 | 148.9 | 158.3 | 165.8 |
| Nevada | 70.7 | 100.0 | 111.9 | 111.5 | 118.8 | 123.5 | 135.4 | 149.4 | 159.7 |
| California | 68.4 | 100.0 | 106.1 | 115.1 | 127.6 | 134.7 | 146.3 | 155.9 | 163.4 |
| Alaska[a] | 84.1 | 100.0 | 95.6 | 106.0 | 119.8 | 130.2 | 138.2 | 150.3 | 162.0 |
| Hawaii[a] | 58.5 | 100.0 | 108.6 | 119.0 | 134.7 | 144.2 | 158.6 | 173.2 | 191.1 |

SOURCE: Computed from data in Table 81.

[a] Alaska and Hawaii included in Far West from 1960 to date.

## TABLE 83.–AVERAGE INDIVIDUAL INCOME PER INCOME TAX RETURN, SELECTED YEARS 1965-1969 BY GEOGRAPHIC REGION

| Region | Average income per income tax return | | | | Percent increase, 1969 over 1965 | Index: U.S. average equals 100.0 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1965 | 1966 | 1968 | 1969 | | 1965 | 1966 | 1968 | 1969 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| U.S. AVERAGE .. | $6,352 | $6,678 | $7,520 | $7,958 | 25.3 | 100.0 | 100.0 | 100.0 | 100.0 |
| NORTH | | | | | | | | | |
| New England ..... | 6,402 | 6,789 | 7,716 | 8,246 | 28.8 | 100.8 | 101.7 | 102.6 | 103.6 |
| Mideast ......... | 6,837 | 7,131 | 8,149 | 8,560 | 25.2 | 107.6 | 106.8 | 108.4 | 107.6 |
| SOUTH | | | | | | | | | |
| Southeast ....... | 5,423 | 5,772 | 6,526 | 7,011 | 29.3 | 85.4 | 86.4 | 86.8 | 88.1 |
| MIDDLE | | | | | | | | | |
| Great Lakes ...... | 6,778 | 7,116 | 7,929 | 8,407 | 24.0 | 106.7 | 106.6 | 105.4 | 105.6 |
| Plains ........... | 5,718 | 6,069 | 6,74[illegible] | 7,183 | 25.6 | 90.0 | 90.9 | 89.7 | 90.3 |
| WEST | | | | | | | | | |
| Southwest ....... | 5,702 | 5,974 | 6,831 | 7,232 | 26.8 | 89.8 | 89.5 | 90.8 | 90.9 |
| Rocky Mountain .. | 5,863 | 6,132 | 6,723 | 7,230 | 23.3 | 92.3 | 91.8 | 89.4 | 90.9 |
| Far West ........ | 6,959 | 7,297 | 8,141 | 8,486 | 21.9 | 109.6 | 109.3 | 108.3 | 106.6 |

SOURCE: U.S. Department of the Treasury, Internal Revenue Service. *Statistics of Income*, 1965, 1966, 1968, and 1969 editions. Data computed in regional form by NEA Research Division.

*For state composition of regions see Table 20.

### TABLE 84.– AVERAGE INDIVIDUAL INCOME PER INCOME TAX RETURN AND AVERAGE SALARIES OF CLASSROOM TEACHERS, 1969

By Geographic Region

| | Average income | | Index: U.S. average = 100.0 | |
|---|---|---|---|---|
| Region[a] | Per income tax return | Classroom teachers (salaries)[b] | Per income tax return | Classroom teachers (salaries) |
| 1 | 2 | 3 | 4 | 5 |
| U.S. AVERAGE | $7,958 | $8,180 | 100.0 | 100.0 |
| NORTH | | | | |
| New England | 8,246 | 8,236 | 103.6 | 100.7 |
| Mideast | 8,560 | 9,004 | 107.6 | 110.1 |
| SOUTH | | | | |
| Southeast | 7,011 | 6,990 | 88.1 | 85.5 |
| MIDDLE | | | | |
| Great Lakes | 8,407 | 8,684 | 105.6 | 106.2 |
| Plains | 7,183 | 7,533 | 90.3 | 92.1 |
| WEST | | | | |
| Southwest | 7,232 | 7,022 | 90.9 | 85.8 |
| Rocky Mountain | 7,230 | 7,243 | 90.9 | 88.5 |
| Far West | 8,486 | 9,539 | 106.6 | 116.6 |

SOURCE: U.S. Department of the Treasury, Internal Revenue Service. *Statistics of Income, 1969*, Publication 79 (9-71). Data prepared in regional form by NEA Research Division. Salaries for classroom teachers from NEA Research Division.

[a] For state composition of regions see Table 20.

[b] Calendar-year basis.

## TABLE 85.–AVERAGE INCOME PER INCOME TAX RETURN, 125 LARGEST STANDARD METROPOLITAN AREAS, 1969, BY REGION

| Region and SMA<br>1 | Average income per income tax return<br>2 | Ratio to U.S. average<br>3 | Ratio to regional average<br>4 |
|---|---|---|---|
| UNITED STATES–TOTAL | $ 7,958 | 100.0 | . . . |
| NORTH: | | | |
| NEW ENGLAND | 8,246 | 103.6 | 100.0 |
| Boston, Mass. | 8,579 | 107.8 | 104.0 |
| Bridgeport, Conn. | 9,215 | 115.8 | 111.8 |
| Hartford, Conn. | 8,875 | 111.5 | 107.6 |
| New Haven, Conn. | 8,824 | 110.9 | 107.0 |
| Providence, Pawtucket–Warwick, R.I. | 6,997 | 87.9 | 84.9 |
| Springfield–Chicopee–Holyoke, Mass. | 8,366 | 105.1 | 101.5 |
| Worcester, Mass. | 7,646 | 96.1 | 92.7 |
| MIDEAST | 8,560 | 107.6 | 100.0 |
| Albany–Schenectady, N.Y. | 8,314 | 104.5 | 97.1 |
| Allentown–Bethlehem, Pa. | 8,195 | 103.0 | 95.7 |
| Baltimore, Md. | 8,087 | 101.6 | 94.5 |
| Binghamton, N.Y. | 7,948 | 99.9 | 92.9 |
| Buffalo, N.Y. | 8,158 | 102.5 | 95.3 |
| Erie, Pa. | 7,786 | 97.8 | 91.0 |
| Harrisburg, Pa. | 8,538 | 107.3 | 99.7 |
| Jersey City, N.J. | 7,872 | 98.9 | 92.0 |
| Johnstown, Pa. | 6,513 | 81.8 | 76.1 |
| Lancaster, Pa. | 7,531 | 94.6 | 88.0 |
| New York City | 9,441 | 118.6 | 110.3 |
| Newark, N.J. | 9,526 | 119.7 | 111.3 |
| Paterson–Clifton–Passaic, N.J. | 9,351 | 117.5 | 109.2 |
| Philadelphia, Pa. | 8,319 | 104.5 | 97.2 |
| Pittsburgh, Pa. | 8,127 | 102.1 | 94.9 |
| Reading, Pa. | 7,558 | 95.0 | 88.3 |
| Rochester, N.Y. | 9,220 | 115.9 | 107.7 |
| Scranton, Pa. | 6,507 | 81.8 | 76.0 |
| Syracuse, N.Y. | 7,428 | 93.3 | 86.8 |
| Trenton, N.J. | 8,979 | 112.8 | 104.9 |
| Utica–Rome, N.Y. | 7,759 | 97.5 | 90.6 |
| Washington, D.C. | 9,897 | 124.4 | 115.6 |
| Wilkes-Barre–Hazelton, Pa. | 6,703 | 84.2 | 78.3 |
| Wilmington, Del. | 9,015 | 113.3 | 105.3 |
| York, Pa. | 7,991 | 100.4 | 93.4 |
| SOUTH: | | | |
| SOUTHEAST | 7,011 | 88.1 | 100.0 |
| Atlanta, Ga. | 8,642 | 108.6 | 123.3 |
| Augusta, Ga., S.C. | 6,611 | 83.1 | 94.3 |

### TABLE 85.– AVERAGE INCOME PER INCOME TAX RETURN, 125 LARGEST STANDARD METROPOLITAN AREAS, 1969, BY REGION (CONTINUED)

| Region and SMA | Average income per income tax return | Ratio to U.S. average | Ratio to regional average |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| Baton Rouge, La. | $ 8,403 | 105.6 | 119.9 |
| Birmingham, Ala. | 7,751 | 97.4 | 110.6 |
| Charleston, S.C. | 6,420 | 80.7 | 91.6 |
| Charleston, W.Va. | 7,769 | 97.6 | 110.8 |
| Charlotte, N.C. | 8,056 | 101.2 | 114.9 |
| Chattanooga, Tenn. | 7,432 | 93.4 | 106.0 |
| Columbia, S.C. | 7,240 | 91.0 | 103.3 |
| Columbus, Ga. | 7,576 | 95.2 | 108.1 |
| Fort Lauderdale, Fla. | 8,485 | 106.6 | 121.0 |
| Greensboro–High Point, N.C. | 8,084 | 101.6 | 115.3 |
| Greenville, S.C. | 6,288 | 79.0 | 89.7 |
| Huntington–Ashland, W.Va. | 8,298 | 104.3 | 118.4 |
| Jackson, Miss. | 7,338 | 92.2 | 104.7 |
| Jacksonville, Fla. | 7,549 | 94.9 | 107.7 |
| Knoxville, Tenn. | 7,838 | 98.5 | 111.8 |
| Little Rock, North Little Rock, Ark. | 7,643 | 96.0 | 109.0 |
| Louisville, Ky. | 8,417 | 105.8 | 120.1 |
| Memphis, Tenn. | 7,449 | 93.6 | 106.2 |
| Miami, Fla. | 7,701 | 96.8 | 109.8 |
| Mobile, Ala. | 7,121 | 89.5 | 101.6 |
| Nashville, Tenn. | 8,377 | 105.3 | 119.5 |
| New Orleans, La. | 7,934 | 99.7 | 113.2 |
| Newport News–Hampton, Va. | 8,017 | 100.7 | 114.3 |
| Norfolk–Portsmouth, Va. | 7,549 | 94.9 | 107.7 |
| Orlando, Fla. | 7,021 | 88.2 | 100.1 |
| Pensacola, Fla. | 6,526 | 82.0 | 93.1 |
| Richmond, Va. | 8,029 | 100.9 | 114.5 |
| Shreveport, La. | 7,667 | 96.3 | 109.4 |
| Tampa–St. Petersburg, Fla. | 6,921 | 87.0 | 98.7 |
| West Palm Beach, Fla. | 8,479 | 106.5 | 120.9 |
| MIDDLE: | | | |
| GREAT LAKES | 8,407 | 105.6 | 100.0 |
| Akron, Ohio | 8,847 | 111.2 | 105.2 |
| Canton, Ohio | 7,628 | 95.9 | 90.7 |
| Chicago, Ill. | 9,284 | 116.7 | 110.4 |
| Cincinnati, Ohio | 8,298 | 104.3 | 98.7 |
| Cleveland, Ohio | 9,100 | 114.4 | 108.2 |
| Columbus, Ohio | 7,948 | 99.9 | 94.5 |
| Dayton, Ohio | 8,587 | 107.9 | 102.1 |
| Detroit, Mich. | 9,260 | 116.4 | 110.1 |
| Evansville, Ind. | 8,248 | 103.6 | 98.1 |

TABLE 85.–AVERAGE INCOME PER INCOME TAX RETURN, 125 LARGEST STANDARD METROPOLITAN AREAS, 1969, BY REGION (CONTINUED)

| Region and SMA | Average income per income tax return | Ratio to U.S. average | Ratio to regional average |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| GREAT LAKES (Cont'd) | | | |
| Flint, Mich. | $ 8,308 | 104.4 | 98.8 |
| Fort Wayne, Ind. | 7,708 | 96.9 | 91.7 |
| Gary–Hammond–East Chicago, Ind. | 8,493 | 106.7 | 101.0 |
| Grand Rapids, Mich. | 8,108 | 101.9 | 96.4 |
| Indianapolis, Ind. | 8,130 | 102.2 | 96.7 |
| Lansing, Mich. | 9,393 | 118.0 | 111.7 |
| Lorain–Elyria, Ohio | 8,242 | 103.6 | 98.0 |
| Madison, Wis. | 8,120 | 102.0 | 96.6 |
| Milwaukee, Wis. | 8,372 | 105.2 | 99.6 |
| Peoria, Ill. | 8,115 | 102.0 | 96.5 |
| Rockford, Ill. | 8,358 | 105.0 | 99.4 |
| South Bend, Ind. | 8,041 | 101.0 | 95.6 |
| Toledo, Ohio | 8,560 | 107.6 | 101.8 |
| Youngstown–Warren, Ohio | 7,899 | 99.3 | 94.0 |
| PLAINS | 7,213 | 90.6 | 100.0 |
| Davenport, Iowa | 7,467 | 93.8 | 103.5 |
| Des Moines, Iowa | 8,704 | 109.4 | 120.7 |
| Duluth, Minn.–Superior, Wis. | 7,247 | 91.1 | 100.5 |
| Kansas City, Mo. and Kansas | 8,444 | 106.1 | 117.1 |
| Minneapolis–St. Paul, Minn. | 8,761 | 110.1 | 121.5 |
| Omaha, Nebr. | 7,671 | 96.4 | 106.4 |
| St. Louis, Mo. | 8,698 | 109.3 | 120.6 |
| Wichita, Kansas | 7,830 | 98.4 | 108.6 |
| WEST: | | | |
| SOUTHWEST | 7,232 | 90.9 | 100.0 |
| Albuquerque, N.Mex. | 6,736 | 84.6 | 93.1 |
| Austin, Texas | 7,627 | 95.8 | 105.5 |
| Beaumont–Port Arthur, Texas | 7,284 | 91.5 | 100.7 |
| Corpus Christi, Texas | 7,099 | 89.2 | 98.2 |
| Dallas, Texas | 9,086 | 114.2 | 125.6 |
| El Paso, Texas | 5,840 | 73.4 | 80.8 |
| Fort Worth, Texas | 7,936 | 99.7 | 109.7 |
| Houston, Texas | 8,523 | 107.1 | 117.9 |
| Oklahoma City, Okla. | 7,633 | 95.9 | 105.5 |
| Phoenix, Ariz. | 7,751 | 97.4 | 107.2 |
| San Antonio, Texas | 7,318 | 92.0 | 101.2 |

### TABLE 85.–AVERAGE INCOME PER INCOME TAX RETURN, 125 LARGEST STANDARD METROPOLITAN AREAS, 1969, BY REGION (CONTINUED)

| Region and SMA | Average income per income tax return | Ratio to U.S. average | Ratio to regional average |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| SOUTHWEST (Cont'd) | | | |
| Tucson, Ariz. | $ 8,368 | 105.2 | 115.7 |
| Tulsa, Okla. | 8,581 | 107.8 | 118.7 |
| ROCKY MOUNTAINS | 7,230 | 90.9 | 100.0 |
| Denver, Colo. | 8,513 | 107.0 | 117.7 |
| Salt Lake City, Utah | 7,594 | 95.4 | 105.0 |
| FAR WEST | 8,486 | 106.6 | 100.0 |
| Anaheim–Santa Ana–Garden Grove, Calif. | 9,782 | 122.9 | 115.3 |
| Bakersfield, Calif. | 8,036 | 101.0 | 94.7 |
| Fresno, Calif. | 6,665 | 83.8 | 78.5 |
| Honolulu, Hawaii | 8,470 | 106.4 | 99.8 |
| Los Angeles–Long Beach, Calif. | 8,786 | 110.4 | 103.5 |
| Portland, Oregon | 8,264 | 103.8 | 97.4 |
| Sacramento, Calif. | 8,398 | 105.5 | 99.0 |
| San Bernardino–Riverside–Ontario, Calif. | 7,434 | 93.4 | 87.6 |
| San Diego, Calif. | 8,206 | 103.1 | 96.7 |
| San Francisco–Oakland, Calif. | 9,052 | 113.7 | 106.7 |
| San Jose, Calif. | 10,140 | 127.4 | 119.5 |
| Seattle–Everett, Wash. | 9,104 | 114.4 | 107.3 |
| Spokane, Wash. | 7,862 | 98.8 | 92.6 |
| Stockton, Calif. | 7,153 | 89.9 | 84.3 |
| Tacoma, Wash. | 8,173 | 102.7 | 96.3 |

SOURCE: U.S. Department of the Treasury, Internal Revenue Service. *Individual Income Tax Returns–1969.* Publication 79. Washington, D.C.: Government Printing Office, 1971.

Computed by NEA Research Division from IRS data.

## V. WEEKLY AND HOURLY EARNINGS

TABLES 86 THROUGH 92 give information on hourly and weekly earnings which is significant in making comparative salary studies between the teaching profession and other workers.

In Table 86 the mean salaries paid to teachers for the years 1950 to 1971 have been converted to weekly rates and compared with the weekly rates of nonsupervisory employees in selected industries for the same period. Even though these are nonprofessional workers for the most part, several groups, notably workers in contract construction mining, have had consistently higher weekly rates than teachers.

Table 87 shows the average hourly rate and average weekly and annual earnings of all nonsupervisory workers on private nonagricultural payrolls for 1947 through 1970.

Table 88 shows a distribution of usual weekly earnings of full-time workers by sex, for May 1971.

Table 89 shows increases in average hourly earnings for various groups of production or nonsupervisory workers for recent years.

Table 90 shows the average gross hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls between 1947 and 1971, and an index relationship to 1967.

Table 91 shows wage rate increases in major collective bargaining agreements, 1969 to 1971.

Table 92 shows the median annual percentage rates of increases in wage and benefit decisions from 1969 to 1971 in collective bargaining situations in industry. Table 92 shows the Hourly Earnings Index for 1970 and 1971.

## TABLE 86.–AVERAGE GROSS WEEKLY EARNINGS, TEACHERS AND NONSUPERVISORY EMPLOYEES, SELECTED INDUSTRIES, 1950 TO 1971 (Calendar years)

| Calendar year | Public-school teachers[a] | Total–nonagricultural private industries | Manufacturing | | Wholesale and retail trade | Contract construction | Mining |
|---|---|---|---|---|---|---|---|
| | | | Durable goods | Nondurable goods | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1950 ........ | $ 54.29 | $ 53.13 | $ 62.43 | $ 53.48 | $44.55 | $ 69.68 | $ 67.16 |
| 1951 ........ | 60.06 | 57.86 | 68.48 | 56.88 | 47.79 | 76.96 | 74.11 |
| 1952 ........ | 64.56 | 60.65 | 72.63 | 59.95 | 49.20 | 82.86 | 77.59 |
| 1953 ........ | 67.67 | 63.76 | 76.63 | 62.57 | 51.35 | 86.41 | 83.03 |
| 1954 ........ | 72.04 | 64.52 | 76.19 | 63.18 | 53.33 | 88.91 | 82.60 |
| 1955 ........ | 75.13 | 67.72 | 82.19 | 66.63 | 55.16 | 90.90 | 89.54 |
| 1956 ........ | 79.15 | 70.74 | 85.28 | 70.09 | 57.48 | 96.38 | 95.06 |
| 1957 ........ | 83.65 | 73.33 | 88.26 | 72.52 | 59.60 | 100.27 | 98.65 |
| 1958 ........ | 89.35 | 75.08 | 89.27 | 74.11 | 61.76 | 103.78 | 96.08 |
| 1959 ........ | 93.52 | 78.78 | 96.05 | 78.61 | 64.41 | 108.41 | 103.68 |
| 1960 ........ | 97.85 | 80.67 | 97.44 | 80.36 | 66.01 | 113.04 | 105.44 |
| 1961 ........ | 102.98 | 82.60 | 100.35 | 82.92 | 67.41 | 118.08 | 106.92 |
| 1962 ........ | 107.44 | 85.91 | 104.70 | 85.93 | 69.91 | 122.47 | 110.43 |
| 1963 ........ | 111.92 | 88.46 | 108.09 | 87.91 | 72.01 | 127.19 | 114.40 |
| 1964 ........ | 116.58 | 91.33 | 112.19 | 90.91 | 74.28 | 132.06 | 117.74 |
| 1965 ........ | 121.00 | 95.06 | 117.18 | 94.64 | 76.53 | 138.38 | 123.52 |
| 1966 ........ | 126.92 | 98.82 | 122.09 | 98.49 | 79.02 | 146.26 | 130.24 |
| 1967 ........ | 135.15 | 101.84 | 123.60 | 102.03 | 81.76 | 154.95 | 135.89 |
| 1968 ........ | 146.13 | 107.73 | 132.07 | 109.05 | 86.40 | 164.93 | 142.71 |
| 1969 ........ | 157.31 | 114.61 | 139.59 | 115.53 | 91.14 | 181.54 | 155.23 |
| 1970 ........ | 170.12 | 119.46 | 143.47 | 120.43 | 95.66 | 196.35 | 163.97 |
| 1971[b] ........ | 180.94 | 126.54 | 153.52 | 128.12 | 101.02 | 212.04 | 171.70 |
| Percent increase, 1961 to 1971 | 75.7 | 53.2 | 53.0 | 54.5 | 37.1 | 79.6 | 60.6 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings.* Various issues.

[a] Computed by NEA Research Division. Salaries for teachers are their *annual* earnings regardless of length of school year. Hourly rates, therefore, are based on a 52-week work year.

[b] Partly preliminary.

### TABLE 87.–AVERAGE WEEKLY AND ANNUAL EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS, ALL PRIVATE NONAGRICULTURAL PAYROLLS,[a] 1947-1971

| Year | Average weekly hours | Average hourly rate | Average weekly earnings | Estimated annual earnings[b] | |
|---|---|---|---|---|---|
| | | | | Amount | 1959=100.0 |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1947 ......... | 40.3 | $1.131 | $ 45.58 | $2,370 | 57.8 |
| 1948 ......... | 40.0 | 1.225 | 49.00 | 2,548 | 62.2 |
| 1949 ......... | 39.4 | 1.275 | 50.24 | 2,612 | 63.8 |
| 1950 ......... | 39.8 | 1.335 | 53.13 | 2,763 | 67.4 |
| 1951 ......... | 39.9 | 1.45 | 57.86 | 3,009 | 73.4 |
| 1952 ......... | 39.9 | 1.52 | 60.65 | 3,154 | 77.0 |
| 1953 ......... | 39.6 | 1.61 | 63.76 | 3,316 | 80.9 |
| 1954 ......... | 39.1 | 1.65 | 64.52 | 3,355 | 81.9 |
| 1955 ......... | 39.6 | 1.71 | 67.72 | 3,521 | 85.9 |
| 1956 ......... | 39.3 | 1.80 | 70.74 | 3,678 | 89.8 |
| 1957 ......... | 38.8 | 1.89 | 73.33 | 3,813 | 93.1 |
| 1958 ......... | 38.5 | 1.95 | 75.08 | 3,904 | 95.3 |
| 1959 ......... | 39.0 | 2.02 | 78.78 | 4,097 | 100.0 |
| 1960 ......... | 38.6 | 2.09 | 80.67 | 4,195 | 102.4 |
| 1961 ......... | 38.6 | 2.14 | 82.60 | 4,295 | 104.8 |
| 1962 ......... | 38.7 | 2.22 | 85.91 | 4,467 | 109.0 |
| 1963 ......... | 38.8 | 2.28 | 88.46 | 4,600 | 112.3 |
| 1964 ......... | 38.7 | 2.36 | 91.33 | 4,749 | 115.9 |
| 1965 ......... | 38.8 | 2.45 | 95.06 | 4,943 | 120.6 |
| 1966 ......... | 38.6 | 2.56 | 98.82 | 5,139 | 125.4 |
| 1967 ......... | 38.0 | 2.68 | 101.84 | 5,296 | 129.3 |
| 1968 ......... | 37.8 | 2.85 | 107.73 | 5,602 | 136.7 |
| 1969 ......... | 37.7 | 3.04 | 114.61 | 5,960 | 145.5 |
| 1970 ......... | 37.1 | 3.22 | 119.46 | 6,229 | 152.0 |
| 1971[c] ......... | 37.0 | 3.42 | 126.54 | 6,580 | 160.6 |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics. *Employment and Earnings*, Various issues.

[a] Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities and services.

[b] Computed by NEA Research Division from weekly earnings shown in report.

[c] Preliminary data.

## TABLE 88.–DISTRIBUTION OF USUAL WEEKLY EARNINGS OF FULL-TIME WORKERS BY SEX, MAY 1971

| Distribution of usual weekly earnings, May 1971 | Total–men and women: Total (in thousands) | Total–men and women: Percent distribution | Percent distribution: Men | Percent distribution: Women | Men and women |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| Total | 57,642 | 100.0 | 66.0 | 34.0 | 100.0 |
| Under $60 | 3,634 | 6.3 | 33.5 | 66.5 | 100.0 |
| $60–99 | 11,735 | 20.4 | 37.5 | 62.5 | 100.0 |
| 100–199 | 29,403 | 51.0 | 70.4 | 29.6 | 100.0 |
| 200 or more | 12,870 | 22.3 | 91.2 | 8.8 | 100.0 |

SOURCE: *Monthly Labor Review*, March 1972, page 29.

## TABLE 89.–INCREASES IN AVERAGE GROSS HOURLY EARNINGS OF PRIVATE NONAGRICULTURAL PRODUCTION OR NONSUPERVISORY WORKERS, 1960 TO 1970

| Industry | Percent change year to year: 1960 to 1965 | 1965 to 1966 | 1966 to 1967 | 1967 to 1968 | 1968 to 1969 | 1969 to 1970 | 1970 to 1971* |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Total private | 3.2 | 4.5 | 4.7 | 6.3 | 6.7 | 5.9 | 6.2 |
| Mining | 2.3 | 4.5 | 4.6 | 5.0 | 7.5 | 6.4 | 5.2 |
| Contract construction | 3.7 | 5.1 | 5.7 | 7.3 | 8.4 | 9.6 | 8.6 |
| Manufacturing | 2.9 | 4.2 | 4.0 | 6.4 | 6.0 | 5.3 | 6.0 |
| Durable goods | 2.8 | 3.9 | 3.4 | 6.3 | 6.3 | 5.3 | 6.0 |
| Nondurable goods | 2.9 | 3.8 | 4.9 | 6.6 | 6.2 | 5.8 | 6.2 |
| Wholesale and retail trade | 3.5 | 4.9 | 5.2 | 7.1 | 6.7 | 5.9 | NA |
| Wholesale trade | 3.1 | 4.6 | 5.5 | 5.9 | 5.9 | 6.5 | 6.7 |
| Retail trade | 3.7 | 4.9 | 5.2 | 7.5 | 6.5 | 6.1 | 5.3 |
| Finance, insurance and real estate | 3.4 | 3.3 | 4.5 | 6.6 | 6.2 | 5.1 | 6.5 |
| Services | 5.7** | 5.9 | 5.5 | 6.1 | 7.4 | 7.7 | 6.4 |
| Transportation and public utilities | 5.2** | 2.6 | 4.2 | 5.6 | 6.4 | 5.8 | 9.1 |

SOURCE: U. S. Department of Labor, quoted in *Economic Report of the President, January 1972.* Washington, D. C.: Government Printing Office, 1972.

*Preliminary.

**Data not available for years 1960 through 1963; percentage change from 1964 to 1965.

NOTE: Data relate to production workers in mining and manufacturing to construction workers in contract construction and generally, to nonsupervisory workers in all other industries.

### TABLE 90.–AVERAGE GROSS HOURLY EARNINGS SELECTED YEARS 1947 TO 1971

(Production or nonsupervisory workers on private nonagricultural payrolls)

| Year<br>1 | Average hourly earnings<br>2 | Index: 1967=100.0<br>3 |
|---|---|---|
| 1947 | $1.13 | 42.6 |
| 1950 | 1.34 | 50.0 |
| 1952 | 1.52 | 56.4 |
| 1954 | 1.65 | 61.7 |
| 1956 | 1.80 | 67.0 |
| 1958 | 1.95 | 73.2 |
| 1960 | 2.09 | 78.4 |
| 1961 | 2.14 | 80.8 |
| 1962 | 2.22 | 83.5 |
| 1963 | 2.28 | 85.9 |
| 1964 | 2.36 | 88.6 |
| 1965 | 2.45 | 91.9 |
| 1966 | 2.56 | 95.6 |
| 1967 | 2.68 | 100.0 |
| 1968 | 2.85 | 106.6 |
| 1969 | 3.04 | 113.6 |
| 1970 | 3.22 | 121.2 |
| 1971[a] | 3.42 | 129.4 |
| January 1972[a] | 3.53 | 131.7 |

SOURCES: Column 2 from *Economic Report of the President, 1971.* January 1972, and *Monthly Labor Review,* March 1972.

Column 3 from *Monthly Labor Review,* December 1971, and *Employment and Earnings,* February 1972; both by Bureau of Labor Statistics, U.S. Department of Labor.

NOTE: The index shown in Column 3 is constructed by weighting the average hourly earnings in each industry by the man-hours existing in that industry in 1967. The full series by industry will appear in a BLS bulletin soon.

[a] Preliminary data.

**TABLE 91.–WAGE RATE INCREASES IN MAJOR COLLECTIVE BARGAINING AGREEMENTS, 1969-71**

| Item | Mean percentage increase 1969 | 1970 | 1971 first 3 quarters |
|---|---|---|---|
| 1. | 2 | 3 | 4 |
| Negotiated annual wage rate increases averaged over life of contract: | | | |
| All industries | 7.6 | 8.9 | 8.0 |
| Manufacturing | 6.0 | 6.0 | 7.1 |
| Nonmanufacturing | 9.3 | 11.5 | 9.0 |
| Construction | 13.1 | 14.9 | 11.7 |
| Other | 7.4 | 10.2 | 8.5 |
| Negotiated first-year wage-rate increases: | | | |
| All industries | 9.2 | 11.9 | 11.8 |
| Manufacturing | 7.9 | 8.1 | 10.7 |
| Nonmanufacturing | 10.8 | 15.2 | 13.0 |
| Construction | 13.1 | 17.6 | 13.5 |
| Other | 9.6 | 14.2 | 12.9 |
| General wage increases in manufacturing:[a] | | | |
| Union establishments | 7.4 | 7.7 | 9.6 |
| Nonunion establishments | 6.1 | 6.0 | 5.4 |

SOURCE: U.S. Department of Labor. Taken from *Economic Report of the President*, January 1972.

[a] Data relate only to establishments in which a decision was made to increase wages.

NOTE–Data relate to contracts covering 1,000 workers or more and exclude possible increases in wages from cost-of-living escalator clauses except where guaranteed.

### TABLE 92.–HOURLY EARNINGS INDEX

| Index (1967=100.0) | 1970 | 1971 |
|---|---|---|
| 1 | 2 | 3 |
| January | 117.5 | 126.1 |
| February | 118.2 | 127.0 |
| March | 118.7 | 127.1 |
| April | 119.2 | 128.0 |
| May | 120.0 | 129.1 |
| June | 120.5 | 129.2 |
| July | 121.3 | 129.9 |
| August | 122.2 | 130.5 |
| September | 123.5 | 131.5 |
| October | 123.5 | 131.5 |
| November | 124.2 | 131.6[a] |
| December | 124.8 | 133.1[a] |

SOURCE: *Monthly Labor Review*, March 1972.

NOTE: The Index measures earnings of production or nonsupervisory workers in the private nonfarm sector of the economy. It is adjusted to exclude the effects of interindustry employment shifts, overtime premium pay in manufacturing, and seasonal variations.

[a] Preliminary.